Geographic Index of Environmental Articles 1992

Center for Environmental Research Information
Office of Research and Development
U.S. Environmental Protection Agency
Cincinnati, Ohio 45268



Contents

Preface	iv
Geographic Pathway	v
Sources	xi
Geographic Index	1
Source Index	73

Geographic Pathway

Bodies of Water	Illinois, Cache River	30
Adriatic Sea3	Illinois, Illinois River	
Alaska, Auke Bay3	Iowa, Cedar River	
Alaska, Chignik Lakes3	Lake Tahoe	
Alaska, Prince William Sound4	California, Lake Tahoe	
Alaska, Prudhoe Bay4	Louisiana, Calcasieu River	
Alaska, Toolick Lake4	Louisiana, Caminada Bay	
Aral Sea4	Louisiana, Lake Charles	
Arctic Ocean5	Maryland, Patuxent River	
Atlantic Ocean6	Massachusetts, Quabbin Reservoir	
Baltic Sea8	Massachusetts, Waquoit Bay	
Black Sea9	Mediterranean Sea	
California, Castle Lake11	Mexico, Gulf of	
California, Kesterson Reservoir11	Michigan, Ford River	
California, Mad River Basin12	Michigan, Saginaw River	
California, Sacramento Delta12	Mississippi, Mississippi River	
California, Salton Sea12	Montana, Clark Fork Basin	
California, San Diego Bay13	New Hampshire, Great Bay Estuary	
California, Santa Monica Bay13	New Hampshire, Mirror Lake	
California, Ventura River14	New York, Great South Bay	
Caspian Sea18	New York, Hudson River	
Chesapeake Bay19	New York, Jamaica Bay	
Virginia, Chesapeake Bay68	New York, Niagara Falls	
Colorado, Brush Creek20	Niger River	
Colorado, Colorado River20	North Carolina, Neuse River	
Texas, Colorado River58	North Carolina, Pamlico River	
Colorado, Lake Dillon20	North Carolina, Topsail Sound	
Connecticut, Connecticut River20	North Sea	
Connecticut, Long Island Sound20	Ohio, Ohio River	
Delaware, Delaware River21	Oregon, Crater Lake	
Florida, Indian River24	Pacific Ocean	
Florida, Lake Apopka24	Pennsylvania, Susquehanna River	
Florida, Lake Okeechobee24	Red Sea	
Florida, Sebastian Inlet25	St. Lawrence, Gulf of	
Georgia, Altamaha River26	Saudi Arabia, Arabian Gulf	
Georgia, Ogeechee River26	Tennessee, North Reelfoot Creek	
Great Lakes28	Texas, Galveston Bay	
Idaho, Lower Salmon River30	Texas, Lake Arlington	
Idaho, Stanley Basin30	Texas, Upper Trinity River	

Preface

This index was produced in accordance with the *Environmental Research Geographic Location Information Act*, Public Law 101-617, enacted by the United States Congress on November 16, 1990. Compiled by the U.S. Environmental Protection Agency, it is intended as a quick reference for locating published articles relating to environmental issues for individual geographic locations.

This publication contains an extensive but limited listing of articles from fortyeight journals and five proceedings published during 1992. It is not intended to be an exhaustive listing of all publications and articles about the environment published during that period. Inclusion of the various journals, proceedings, and articles appearing herein does not constitute endorsement by the U.S. EPA.

Individuals may use this resource to locate reference materials covering environmental issues and research relating to various geographical locations around the world. It may be useful in finding literature for such purposes as detecting trends in global or regional environmental quality, assisting the public in learning more about environmental issues in their own communities, or identifying other areas of environmental interest.

Listings contained in this publication are organized in two ways. The first half of the index lists articles according to the geographic locations of their subject matter. The second half presents the same listings organized by the individual source documents in which they appear.

As required by law, the U.S. EPA will periodically update this index to remain current.

Staff members of the EPA library in Cincinnati, Ohio, located many of the journals included in this publication.

New York, Rochester	45	Wisconsin, Green Bay	70
New York, Upton		Wisconsin, Madison	
North Carolina, Clayton		Wisconsin, Neenah	
North Carolina, Morehead City		Wyoming, Casper	
North Carolina, Raleigh		w young, Casper	/1
North Carolina, Research Triangle F		Counties that Ot 1	
North Carolina, Winston-Salem		Counties (by State)	
North Dakota, Beulah		Arizona, Santa Cruz County	5
Ohio, Cincinnati		California, Orange County	
Ohio, Coshocton		California, San Joaquin County	
Ohio, Dayton		California, Santa Clara County	
Ohio, Fort Cobb		Colorado, Summit County	
Oregon, Beaverton		Florida, Broward County	
Pennsylvania, Allentown		Florida, Collier County	
Pennsylvania, Ephrata		Florida, Highlands County	
Pennsylvania, Philadelphia		Florida, Marin County	
Pennsylvania, Pittsburgh		Florida, Pasco County	
		Idaho, Twin Falls County	
Pennsylvania, Uniontown		Iowa, Boone County	
Rhode Island, Charlestown		Maine, Hancock County	
Rhode Island, Narragansett		Michigan, Manistee County	
South Carolina, Allandala		Michigan, Washtenaw County	40
South Carolina, Allendale		Minnesota, Beltrami County	
South Carolina, North Charleston		Minnesota, Washington County	
South Dakota, Madison		Nebraska, Cherry County	
Tennessee, Knoxville		New Jersey, Hudson County	
Tennessee, Oak Ridge		New Mexico, Dona Ana County	
Tennessee, Tullahoma		North Carolina, Macon County	
Texas, Austin		South Carolina, Georgetown County	
Texas, Denton		Virginia, Surrey County	
Texas, Fort Worth		Virginia, Westmoreland County	
Texas, Houston		Washington, King County	69
Texas, Lubbock			
Texas, Paris		Countries/Continents	
Texas, Pecos		Africa	3
Texas, Port Aransas		Antarctica	4
Texas, Seadrift		Argentina	5
Utah, Logan		Australia	6
Utah, Salt Lake City		Austria	8
Virginia, Blacksburg		Bahrain	8
Virginia, Hampton Roads		Belgium	9
Virginia, Roanoke		Bolivia	
Virginia, Yorktown		Brazil	
Washington, Bellevue		Bulgaria	
Washington, Pullman		Canada	
Washington, Richland		Chile	
Washington, Seattle		China	
Washington, Spokane	70	Congo	20

Virginia, Elizabeth River	68	Florida, Pensacola	24
Virginia, James River	69	Florida, Tallahassee	25
Washington, Dabob Bay	69	Georgia, Marietta	26
Washington, Lake Sammamish	69	Georgia, Savannah	26
Washington, Puget Sound	69	Georgia, Warner Robins	26
Wisconsin, Little Rock Lake	70	Hawaii, Honolulu	29
		Hong Kong	29
Cities (by State)		Idaho, Boise	30
Alabama, Huntsville	3	Illinois, Argonne	30
Alabama, Mobile	3	Illinois, Chicago	30
Alaska, Fairbanks	3	Illinois, Urbana	31
Alaska, Hot Springs	3	Indiana, Columbus	32
Alaska, Kodiak	3	Iowa, Amana	32
Alaska, Palmer	4	Kansas, Lawrence	36
Arizona, Page	5	Kansas, Topeka	36
Arizona, Phoenix	5	Kentucky, Louisville	
Arizona, Tuscon	5	Louisiana, Alexandria	
Arkansas, Jefferson	6	Louisiana, New Orleans	37
California, El Monte	11	Maine, Walpole	38
California, Elk Hills	11	Maryland, Frederick	38
California, Elkhorn	11	Maryland, Salisbury	38
California, Fullerton Hills	11	Maryland, Silver Spring	38
California, Irvine	11	Massachusetts, Boston	38
California, Lathrop	12	Massachusetts, Cambridge	
California, Los Angeles	12	Massachusetts, Cape Cod	39
California, Monterey	12	Massachusetts, Holbrook	39
California, Mountain View	12	Massachusetts, New Bedford	39
California, Newport Beach	12	Michigan, Mt. Pleasant	40
California, Pacific Grove	12	Michigan, Traverse City	40
California, Rubidoux	12	Minnesota, Brighton	40
California, San Francisco	13	Minnesota, Minneapolis	40
California, Santa Barbara	13	Minnesota, Morris	40
California, Seal Beach		Mississippi, Pascagoula	41
California, Sunnyvale		Missouri, Cabool	41
California, Ukiah	14	Missouri, Columbia	41
Chernobyl	18	Missouri, Rolla	41
Colorado, Aspen		Montana, Bozeman	41
Colorado, Denver		Montana, Butte	41
Colorado, Ft. Collins		Nevada, Fallon	43
Colorado, Hayden	20	Nevada, Las Vegas	43
Colorado, Leadville		New Jersey, Elizabeth	44
Connecticut, Hartford	20	New Jersey, Galloway Township	44
Connecticut, Milford		New Jersey, Gibbstown	44
Florida, Daytona Beach		New Jersey, New Lisbon	
Florida, Gainesville	24	New Jersey, Newark	
Florida, Miami		New Jersey, Princeton	
Florida, Orlando	24	New York, New York City	

Hawaii, Mauna Loa29	South Dakota, Black Hills	54
Hawaii, Oahu29	United States, Ouachita Mountains	
Michigan, Isle Royale40	Utah, Wasatch Range	
New York, Long Island45	Washington, Mount St. Helens	
Miscellaneous Regions	States	
Alaska, Kenai Peninsula3	Alabama	3
Arctic4	Alaska	
Arizona, Grand Canyon5	Arizona	
Arizona, Santa Rita Experimental Range5	Central	
Baja California8	Southeastern	
California, Carpinteria Salt Marsh11	Southern	
Colorado, Winter Park20	Arkansas	
Florida, Everglades24	North Central	
Florida, Tyndall AFB25	California	
Georgia, Piedmont26	Central	
Kansas, Konza Prairie36	Northern	
Latin America37	Northwestern	
Louisiana, Coast37	Southern	
Montana, Gallatin Petrifed Forest41	Colorado	
New Hampshire, Hubbard Brook	Connecticut	
Experimental Forest	Delaware	
New Hampshire, Pemigewasset Wilderness . 43	Southern	
New Hampshire, Rye Harbor State Park 43	Florida	
New Jersey, Pine Barrens44	Central	
North Carolina, Coastal Plain47	East Central	
North Carolina, Piedmont47	North Central	
Oregon, E.E. Wilson Wildlife Area49	Northwestern	
Puerto Rico51	Southern	
Scandinavia	Western	
Virginia, Coastal Plain	Georgia	
Washington, D.C70	Central	
Wisconsin, Door Peninsula70	Hawaii	
Yellowstone National Park71	Northwestern	
	Idaho	
Mountains	Northern	
Adirondack Mountains3	Illinois	
New York44	Central	
Appalachian Mountains4	Northeastern	
North Carolina47	Northern	
Pennsylvania50	Southern	
California, Sierra Nevada Mountains13	Indiana	
Colorado, Niwot Ridge20	Iowa	
Colorado, Rocky Mountains20	Kansas	
Nevada, Rainier Mesa43	Kentucky	
New York, Whiteface Mountain45	Eastern	
North Carolina, Mt. Mitchell47	Louisiana	

Croatia		Russia	
Czechoslovakia		Rwanda	
Denmark		Sardinia	
Dominican Republic		Saudi Arabia	52
Ecuador		Singapore	53
Egypt	22	Slovenia	53
Finland	22	South Africa	53
France	25	South Pole	54
Germany		Spain	54
Ghana	28	Sri Lanka	55
Greece		Sudan	55
Greenland	29	Sweden	
Guyana	29	Switzerland	56
Hungary		Taiwan	57
Iceland		Tanzania	57
India		Tasmania	57
Indonesia		Thailand	59
Iraq		Trinidad	59
Israel	33	Turkey	59
Italy	33	United Kingdom	59
Japan		United States	63
Jordan		Eastern	65
Kenya	36	Midwestern	66
Korea		North Central	66
Kuwait		Northeastern	66
Labrador		Northwestern	66
Laos		Southeastern	66
Latvia		Southern	67
Libya		Southwestern	67
Malaysia	38	Western	67
Mexico		Venezuela	68
Morocco		Vietnam	68
Natal		Yugoslavia	71
Netherlands, The		Zambia	71
New Guinea		Zimbabwe	71
New Zealand	45		
Nicaragua	46	Islands	
Nigeria		Bahamas	8
North Africa	46	Barbados	9
Norway	48	Bermuda	9
Oman	49	Canary Islands	18
Pakistan	50	Caribbean	18
1 akistan		Come Island.	
Panama		Faroe Islands	22
		Florida Keys	
Panama	51		24

Sources

Journals

Agriculture, Ecosystems and Environment
American Water Works Association Journal
Applied and Environmental Microbiology76
Archives of Environmental Contamination and Toxicology
Archives of Environmental Health79
Atmospheric Environment80
Bulletin of Environmental Contamination and Toxicology
Canadian Journal of Soil Science
Chemosphere
Desalination
Ecology89
Environmental Management91
Environmental Pollution92
Environmental Research94
Environmental Science and Technology95
Environmental Toxicology and Chemistry96
Estuaries98
Freshwater Biology99
Ground Water101
Ground Water Monitoring Review102
Hazardous Waste and Hazardous Materials102
Journal of Applied Ecology102
fournal of Environmental Engineering104
ournal of Environmental Health104
ournal of Environmental Management104

Southwestern37	Central50
Maine37	North Central50
Central37	Southeastern51
Eastern38	Rhode Island51
Maryland	South Carolina53
Southern38	South Dakota54
Massachusetts	Western54
Eastern	Tennessee57
Southeastern39	Eastern57
Michigan40	Western58
South Central40	Texas58
Southwestern40	Central58
Minnesota40	Eastern58
Mississippi40	Western 59
Missouri41	Utah67
Southwestern41	North Central67
Montana41	Vermont68
Central41	Northwestern68
Western41	Virginia68
Nebraska41	Central68
Southwestern42	Northern69
Nevada42	Southeastern69
Northern43	Southwestern69
Northwestern43	Washington69
Southern43	Central69
Southwestern43	Northwestern69
New Hampshire43	Southwestern70
Central43	Western70
Southern43	West Virginia70
New Jersey43	Wisconsin70
Southern	Central70
New Mexico	North Central71
Southern 44	Northeastern71
New York	Northern71
Central45	Southeastern71
Northern 45	Wyoming71
Western45	Central71
North Carolina46	Southeastern71
Eastern47	Southwestern71
North Dakota47	Western71
Ohio48	14 11
Central49	Valleys (by State)
East Central49	Arizona, Paradise Valley5
Eastern49	California, Coachella Valley11
South Central49	Louisiana, Mississippi Valley37
Oregon49	Mississippi, Mississippi Valley41
Pennsylvania50	North Dakota, Red River Valley47

Geographic Index

Journal of Environmental Quality		
Journal of Environmental Science and Health— Environmental Science and Engineering		
Journal of Environmental Science and Health— Pesticides, Food Contaminants and Agricultural Wastes		
Journal of Experimental Marine Biology and Ecology		
Journal of Irrigation and Drainage Engineering111		
Journal of Parasitology		
Journal of Soil and Water Conservation		
Journal of the Air and Waste Management Association		
Journal of the Institution of Water and Environmental Management115		
Journal of the Science of Food and Agriculture117		
Journal of Toxicology and Environmental Health		
Journal of Water Resources Planning and Management118		
Limnology and Oceanography		
North American Journal of Fisheries Management		
Regulatory Toxciology and Pharmacology		
Risk Analysis		
Science of the Total Environment		
Soil Science Society of America Journal		
Southern Journal of Applied Forestry		
Water, Air, and Soil Pollution		
Water Environment Research		
Water Research		
Water Resources Bulletin		
Proceedings		
Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium		
Proceedings of the 46th Industrial Waste Conference, 1991		
Proceedings of the Symposium on Soil Venting		
Seminar Publication—Nonpoint Source Watershed Workshop		
Workshop on Removal, Recovery, Treatment and Disposal		

Adirondack Mountains

Genetic Indicators of Environmental Stress in Central Mudminnow (Umbra limi) Populations Exposed to Acid Deposition in the Adirondack Mountains

Environmental Toxicology and Chemistry, 92, v11, n5, p665

Changes in Primary Productivity Associated with Liming and Reacidification of an Adirondack Lake

Environmental Pollution, 92, v79, n2, p127

Adriatic Sea

Release of Bacterial DNA by Marine Nanoflagellates, an Intermediate Step in Phosphorus Regeneration Applied and Environmental Microbiology, Nov 92, v58, n11, p3744

Photochemical Transformation of Phthalic Anhydride in Natural Waters Chemosphere, Mar 92, v24, n6, p673

Inflow, Levels and the Fate of Some Persistent Chlorinated Hydrocarbons in the Rijeka Bay Area of the Adriatic Sea Water Research, July 92, v26, n7, p899

Africa

Biogenic Emissions and Biomass Burning Influences on the Chemistry of the Fogwater and Stratiform Precipitations in the African Equatorial Forest Atmospheric Environment, 92, v26A,

Atmospheric Environment, 92, v26A, n4, p541

Typology of Susceptibilities of Aquatic Insect Larvae to Different Larvicides in a Tropical Environment Chemosphere, June 92, v24, n12, p2009

The Influence of Grazing on Seed Production and Seed Banks of Some African Savanna Grasslands Journal of Applied Ecology, 92, v29, n1, p247

Sterols of Seed Oils of Vernonia galamensis, Amaranthus cruentus, Amaranthus caudatus, Amaranthus

hybridus and Amaranthus hypochondriacus Grown in the Humid Tropics Journal of the Science of Food and Agriculture, 92, v58, n2, p221

Toxic Metal Pollution in Africa Science of the Total Environment, 92, v121, p1

Changes in a Sandy Sahelian Soil Following Crop Residue and Fertilizer Additions Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p172

Alabama, Huntsville

Subterranean Transport of Radon and Elevated Indoor Radon in Hilly Karst Terrains

Atmospheric Environment, 92, v26A, n12, p2237

Alabama, Mobile

Developing a Public Health Assessment: Impact of a Mercury-Contaminated Discharge to Surface Water *Journal of Environmental Health*, Sep/Oct 92, v55, n2, p16

Alaska

Stable Isotopes and Planktonic Trophic Structure in Arctic Lakes *Ecology*, Apr 92, v73, n2, p561

Seed-Zone Temperature and Moisture Conditions under Conventional and No-Tillage in Alaska Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1904

Fertilizer Placement for Conventional and No-Tillage Barley in the Subarctic

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1973

Determination of Best Timing for Poultry Waste Disposal: A Modeling Approach

Water Resources Bulletin, May-June 92, v28, n3, p487

Alaska, Auke Bay

Pigment Analysis of Phytoplankton During a Subarctic Spring Bloom: Xanthophyll Cycling Journal of Experimental Marine Biology and Ecology, 92, v158, n1, p59

Alaska, Chignik Lakes

Predation on Sockeye Salmon Fry by Juvenile Coho Salmon in the Chignik Lakes, Alaska North American Journal of Fisheries Management, Winter 92, v12, n1, p87

Alaska, Fairbanks

Radiation Balance of Ridge-Tillage with Modeling Strategies for Slope and Aspect in the Subarctic Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1379

Two U.S. EPA Bioremediation Field Initiative Studies: Evaluation of In-Situ Bioventing "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p118

Alaska, Hot Springs

Gas Phase Control for Oxygen-Activated Sludge Journal of Environmental Engineering, May-June 92, v118, n3, p390

Alaska, Kenai Peninsula

Managing Brown Bears and Wilderness Recreation on the Kenai Peninsula, Alaska USA *Environmental Management*, Mar/Apr 92, v16, n2, p249

Determing Baselines and Variability of Elements in Plants and Soils Near the Kenai National Wildlife Refuge, Alaska

Water, Air, and Soil Pollution, July 92, v63, n3,4, p253

Alaska, Kodiak

Toxic Elements and Organochlorines in Harbor Seals (*Phoca vitulina* richardsi), Kodiak, Alaska, USA Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p727

Arctic Marine Ecosystem Contamination
Science of the Total Environment,
July 92, v122, n1,2, p75

Arctic Terrestrial Ecosystem Contamination

Science of the Total Environment,
July 92, v122, n1,2, p135

Presence and Implications of Chemical Contaminants in the Freshwaters of the Canadian Arctic Science of the Total Environment, July 92, v122, n1,2, p165

Inuit Foods and Diet: A Preliminary Assessment of Benefits and Risks Science of the Total Environment, July 92, v122, n1,2, p247

Topography and Soil Acidity in an Arctic Landscape *Soil Science Society of America Journal*, Sep-Oct 92, v56, n5, p1553

Arctic Ocean

Effects of Temperature on Two Psychrophilic Ecotypes of a Heterotrophic Nanoflagellate, Paraphysomonas imperforata Applied and Environmental Microbiology, Feb 92, v58, n2, p593

Organochlorine Pesticides and Polychlorinated Biphenyls in the Arctic Ocean Food Web Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p41

Argentina

The Coexistence of *Bosmina* and *Ceriodaphnia* in a South Andes Lake: An Analysis of Demographic Responses *Freshwater Biology*, Aug 92, v28, n1, p93

Effect of Sorghum Residues on Wheat Productivity in Semi-Arid Argentina. I. Stover Decomposition and N Distribution in the Crop *Science of the Total Environment*, May 92, v117/118, p253

Humification and Nitrogen Mineralization of Crop Residues in Semi-Arid Argentina Science of the Total Environment, May 92, v117/118, p263

Arizona

Population Dynamics of Bacteriophage and *Bacillus subtilis* in Soil *Ecology*, Oct 92, v73, n5, p1888

Nitrogen Mineralization in Soils of a Chaparral Watershed in Arizona Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1629

Of Dogs and Tails: Water Policy and Social Policy in Arizona *Water Resources Bulletin*, May-June 92, v28, n3, p479

The Role of Agricultural Groundwater Conservation in Achieving Zero Overdraft in Arizona Water Resources Bulletin, Sep/Oct 92, v28, n5, p889

Arizona, Central

Stability of an Aquatic Macroinvertebrate Community in a Multiyear Hydrologic Disturbance Regime Ecology, Dec 92, v73, n6, p2192

Instability of Fecal Coliform Populations in Waters and Bottom Sediments at Recreational Beaches in Arizona

Water Research, July 92, v26, n7, p979

Arizona, Grand Canyon

Parasites of the Extinct Shasta Ground Sloth, *Nothrotheriops* shastensis in Rampart Cave, Arizona Journal of Parasitology, Oct 92, v78, n5, p811

Arizona, Page

The WHITEX Study and the Role of the Scientific Community: A Critique Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1453

Arizona, Paradise Valley

Alternative Seed Defense Mechanisms in Congeneric Plants *Ecology*, Dec 92, v73, n6, p2152

Arizona, Phoenix

Developing a Long-Term Drought Plan for Phoenix American Water Works Association Journal, Oct 92, v84, n10, p46

Structural Variations in Individual Carbonaceous Particles from an Urban Aerosol Environmental Science and Technology, Oct 92, v26, n10, p1967

Arizona, Santa Cruz County

Effects of Bird Predation on Grasshopper Densities in an Arizona Grassland Ecology, Oct 92, v73, n5, p1706

Arizona, Southeastern

Assessing Landscape Dynamics in a Protected Area Environmental Management, May/ June 92, v16, n3, p363

Arizona, Southern

Bromide and Nitrate Movement in an Irrigated Cotton Production System *Soil Science Society of America Journal*, Mar-Apr 92, v56, n2, p548

Arizona, Southern—Santa Rita Experimental Range

Spread of Introduced Lehmann Lovegrass Along a Grazing Intensity Gradient Journal of Applied Ecology, 92, v29, n1, p92

Arizona, Tuscon

Relation of Peak Expiratory Flow Rates and Symptoms to Ambient Ozone Archives of Environmental Health,

Archives of Environmental Health, Mar/Apr 92, v47, n2, p107

Prevalence of Symptoms of Systemic Lupus Erythematosus (SLE) and of Fluorescent Antinuclear Antibodies Associated with Chromic Exposure to Trichloroethylene and Other Chemicals in Well Water Environmental Research, Feb 92, v57, n1, p1

Alaska, Palmer

Significant Differences in Metal-Organic Complexes Derived from Birch and Aspen Forest Soils in Interior Alaska Science of the Total Environment, May 92, v117/118, p121

Alaska, Prince William Sound

Interations between Marine Bacteria and Dissolved-Phase and Beached Hydrocarbons after the Exxon Valdez Oil Spill

Applied and Environmental Microbiology, Jan 92, v58, n1, p243

Mass Spectrometric Analysis for Aromatic Compounds in Bile of Fish Sampled after the Exxon Valdez Oil Spill

Environmental Science and Technology, Jan 92, v26, n1, p116

Modeling Strategy for Predicting Bioremediation Rates for Oil Contaminated Beaches at Prince William Sound, Alaska

"Proceedings of the 46th Industrial Waste Conference," 1991, p65

Alaska, Prudhoe Bay

Of Measured Risks: The Environmental Impacts of the Prudhoe Bay, Alaska, Oil Field *Environmental Toxicology and Chemistry*, 92, v11, n12, p1691

Alaska, Toolick Lake

Mineralization of Glucose and Lignocellulose by Four Arctic Freshwater Sediments in Response to Nutrient Enrichment Applied and Environmental Microbiology, May 92, v58, n5, p1554

Antarctica

Long-Term Dosimetry of Solar UV Radiation in Antarctica with Spores of *Bacillus subtilis* Applied and Environmental Microbiology, Aug 92, v58, n8, p2355

Multi Wavelength Measurements of Atmospheric Turbidity and Determination of the Fluctuations in Total Ozone Over Antarctica Atmospheric Environment, 92, v26A, n4, p525

Ultraviolet Radiation Received in Antarctica in Comparison With the Indian Region *Atmospheric Environment*, 92, v26A, n4, p731

Determinations of Methyl Iodide in the Antarctic Atmosphere and the South Polar Sea Atmospheric Environment, 92, v26A, n16, p2905

Organochlorine and Polychlorinated Biphenyl Levels in Pinniped Milk from the Arctic, the Antarctic, California and Australia Chemosphere, Mar 92, v24, n6, p779

Bromo-and Bromochloromethanes in the Antarctic Atmosphere and the South Polar Sea Chemosphere, Apr 92, v24, n8, p1293

The Use of Vapor Compression Distillation for Recycling Gray Water as an Early Application in the Antarctic Planetary Analog Desalination, Sep 92, v87, n1-3, p97

Environmental Impacts of Station Development in the Larsemann Hills, Princess Elizabeth Land, Antarctica Journal of Environmental Management, Dec 92, v36, n4, p287

Efficiency of Carbon Assimilation and Photoacclimation in a Small Unicellular *Chaetoceros* Species from the Weddell Sea (Antarctica) Influence of Temperature and Irradiance *Journal of Experimental Marine Biology and Ecology*, 92, v157, n2, p195

The Diet of Antarctic Squid: Comparison of Conventional and Seriological Gut Contents Analyses *Journal of Experimental Marine Biology and Ecology*, 92, v156, n2, p161

Major, Minor and Trace Element Distributions in Surface Water in Terra Nova Bay, Antarctica Science of the Total Environment, 92, v125, p289

Appalachian Mountains

Co-Occurring Tree Species Change Rank in Seedling Performance with Resources Varied Experimentally *Ecology*, Dec 92, v73, n6, p2129

FOCUS: Conceptual Model of Ground Water Flow in Fractured Siltstone Based on analysis of Rock Cores, Borehole Geophysics, and Thin Sections Ground Water Monitoring Review, Fall 92, v12, n4, p118

Red Spruce Response to Ozone and Cloudwater after Three Years Exposure Journal of Environmental Quality, Apr-June 92, v21, n2, p196

Relationships of Acorn Abundance and Deer Herd Characteristics in the Southern Appalachians Southern Journal of Applied Forestry, Feb 92, v16, n1, p5

Aral Sea

Saving the Aral Sea Journal of Environmental Management, Nov 92, v36, n3, p193

Arctic

The Thermodynamics of Pollutant Removal as an Indicator of Possible Source Areas for Arctic Haze Atmospheric Environment, 92, v26A, n16, p2953

Polychlorinated Biphenyls in Two Species of Arctic Seabirds from the Syalbard Area Bulletin of Environmental Contamination and Toxicology, June 92, v48, n6, p828

Organochlorine and Polychlorinated Biphenyl Levels in Pinniped Milk from the Arctic, the Antarctic, California and Australia Chemosphere, Mar 92, v24, n6, p779

Arctic Contaminants: Sources, Occurrence and Pathways Science of the Total Environment, July 92, v122, n1,2, p1 The Ecology of Two Intermittent Streams in Victoria, Australia II. Comparisons of Faunal Composition between Habitats, Rivers and Years Freshwater Biology, Feb 92, v27, n1, p99

The Ecoloby of Two Intermittent Streams in Victoria, Australia III. Temporal Changes in Faunal Composition Freshwater Biology, Feb 92, V27, n1, p123

Allochthonous Coarse Particulate Organic Material in Forest and Pasture Reaches of Two South-Eastern Australian Streams I. Litter Accession Freshwater Biology, June 92, v27, n3, p341

Allochthonous Coarse Particulate Organic Material in Forest and Pasture Reaches of Two South-Eastern Australian Streams II. Litter Processing Freshwater Biology, June 92, v27, n3, p353

Quantification of Submerged Wood in a Lowland Australian Stream System Freshwater Biology, June 92, v27, n3, p387

Biogeochemistry of Billabong Sediments II. Seasonal Variations in Methane Production Freshwater Biology, June 92, v27, n3, p435

Limiting Nutrients for Periphyton Growth in Sub-Alpine, Forest, Agricultural and Urban Streams Freshwater Biology, Dec 92, v28, n3, p349

Design Procedures for Effluent Discharge to Estuaries During Ebb Tide

Journal of Environmental Engineering, May-June 92, v118, n3, p338

Environmental Auditing: Artificial Waterway Developments in Western Australia

Journal of Environmental Management, Jan 92, v34, n1, p1

A Standard Format for Use in the Analysis of Environmental Policy

Journal of Environmental Management, May 92, v35, n1, p69

Comparisons of Skeletal Density Variations in *Porites* from the Central Great Barrier Reef Journal of Experimental Marine Biology and Ecology, 92, v155, n1, p1

Recruitment of Cerithiid Gastropods (*Rhinoclavis* spp.) in Sediments at One Tree Reef, Great Barrier Reef *Journal of Experimental Marine Biology and Ecology*, 92, v156, n1, p1

Field Measurement of Feeding and Movement Rates of the Crown-of-Thorns Starfish Acanthaster planci (L.) Journal of Experimental Marine Biology and Ecology, 92, v156, n1,

Patterns of Colonization of Mobile Epifauna in a Western Australian Seagrass Bed Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p225

Systematic Variations in the Depth of Skeleton Occupied by Coral Tissue in Massive Colonies of *Porites* from the Great Barrier Reef Journal of Experimental Marine Biology and Ecology, 92, v159, n1, p113

Interactions Between Herbivorous Fishes and Macro-Algae on a Temperate Rocky Reef Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p217

The Influence of Seagrass Structure on the Distribution and Abundance of Mobile Epifauna: Pattern and Process in a Western Australian Amphibolis Bed

Journal of Experimental Marine Biology and Ecology, 92, v160, n1, p13

Temporal Variation in Soft-Sediment Benthos Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p233 Studies on Southern Australian Abalone (Genus *Haliotis*) XIII: Larval Dispersal and Recruitment Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p247

Algal Food Supply and Grazer Demand in a Very Productive Coral-Reef Zone Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p1

Polycyclic Aromatic Hydrocarbons in Nearshore Marine Sediments of Australia Science of the Total Environment, Mar 92, v112, n2,3, p143

Nitrohumic Acids from Victorian Brown Coal Science of the Total Environment, Mar 92, v113, n1,2, p49

Distribution of Heavy Metals in Elcho Island, Northern Territory, Australia Science of the Total Environment, 92, v119, p19

The Impact of the Banning of Tributyltin-Based Antifouling Paints on the Sydney Rock Oyster, Saccostrea commercialis Science of the Total Environment, 92, v122, n3, p301

A Mechanistic and Predictive Model of Metal Accumulation by the Tissue of the Australian Freshwater Mussel Velesunio angasi Science of the Total Environment, 92, v125, p85

Uranium Toxicity to Two Species of Australian Tropical Fish Science of the Total Environment, 92, v125, p137

pH-Dependent Uranium Toxicity to Freshwater Hydra Science of the Total Environment, 92, v125, p159

Heavy Metal Concentrations in Lagoonal Saltmarsh Species, Illawarra Region, Southeastern Australia Science of the Total Environment, 92, v125, p203

Arkansas

Scheduling Updates of Probabilistic Risk Assessments: The Arkansas Nuclear One-Unit 1 Experience Risk Analysis, June 92, v12, n2, p239

Arkansas, Jefferson

Assessment of Relative POHC Destruction at EPA's Incineration Research Facility "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p20

Metals Partitioning Resulting from Rotary Kiln Incineration of Hazardous Waste

"Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p72

Arkansas, North Central

Helminth Parasites of the Raccoon (*Procyon iotor*) from North-Central Arkansas *Journal of Parasitology*, Feb 92, v78, n1, p163

Atlantic Ocean

Barium in North Atlantic Rain Water: A Reconnaissance Atmospheric Environment, 92, v26A, n14, p2641

Reproductive Energetics and Prey Harvest of Leach's Storm-Petrels in the Northwest Atlantic *Ecology*, June 92, v73, n3, p823

Historical Changes in Mercury Concentrations in the Marine Ecosystem of the North and North-East Atlantic Ocean as Indicated by Seabird Feathers Journal of Applied Ecology, 92, v29, n1, p79

Genetic Diversity and Population Differentiation of the Shortfin Squid *Illex argentinus* in the South-West Atlantic

Journal of Experimental Marine Biology and Ecology, 92, v158, n1, p105

Bio-Optical Characteristics of Coastal Water; Absorption Spectra of Phytoplankton and Pigment Distribution in the Western North Atlantic Limnology and Oceanography, Dec 92, v37, n8, p1660

Australia

Sustainable Dryland Cropping in Southern Australia: A Review *Agriculture, Ecosystems and Environment,* Feb 92, v38, n3, p193

The Quest for Sustainable Agriculture: The Current Position in Australia

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p85

Methods Involving Light Variation for Isolation of Cyanobacteria: Characterization of Isolates from Central Australia Applied and Environmental Microbiology, Nov 92, v58, n11, p3561

Determinants of Blood Lead Concentrations to Age 5 Years in a Birth Cohort Study of Children Living in the Lead Smelting City of Port Pirie and Surrounding Areas *Archives of Environmental Health*, May/June 92, v47, n3, p203

Repeated Bone Lead Levels in Queensland, Australia - Previously a High Lead Environment Archives of Environmental Health, July/Aug 92, v47, n4, p256

Effect of Low-Level Body Burdens of Lead on the Mental Development of Children: Limitations of Meta-Analysis in a Review of Longitudinal Data

Archives of Environmental Health, Sep/Oct 92, v47, n5, p336

Evaluating Rainwater Contamination and Sources in Southeast Australia Using Factor Analysis Atmospheric Environment, 92, v26A, n13, p2401

Seasonal Variation of Heavy Metals in Oysters from Darwin Harbor, Northern Territory, Australia Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p31

Purple Spotted Gudgeon: Its Use as a Standard Toxicity Test Animal in Tropical Northern Australia Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p471

Organochlorine and Polychlorinated Biphenyl Levels in Pinniped Milk from the Arctic, the Antarctic, California and Australia Chemosphere, Mar 92, v24, n6, p779

Levels of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans in Ambient Urban Air in Sydney, Australia *Chemosphere*, Oct-Nov 92, v25, n7-10, p1361

Bioaccumulation of Chlorohydrocarbon Pesticides by Fish in the Natural Environment *Chemosphere*, Dec 92, v25, n11, p1579

Development of a Reliable Low Cost Reverse Osmosis Desalination Unit for Remote Communities Desalination, Apr 92, v86, n1, p9

Spatial and Temporal Variability in Defoliation of Australian Eucalypts *Ecology*, Feb 92, v73, n1, p129

Predation and Habitat Shift in the House Mouse, *Mus domesticus Ecology*, Feb 92, v73, n1, p313

Survey of Land Degradation in New South Wales, Australia *Environmental Management*, Mar/Apr 92, v16, n2, p205

Toxicity of Endosulfan to Native and Introduced Fish in Australia Environmental Toxicology and Chemistry, 92, v11, n10, p1469

Comparisons between the Diets of Distant Taxa (Teleost and Cormorant) in an Australian Estuary *Estuaries*, Sep 92, v15, n3, p327

Loss of Nutrients from Catchments and Their Ecological Impacts in the Peel-Harvey Estuarine System, Western Australia Estuaries, Dec 92, v15, n4, p529 Metabolic Responses of *Halicryptus* spinulosus (Priapulida) to Reduced Oxygen Levels and Anoxia Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p229

Patterns of Adenosine Triphosphate Catabolism as Freshness Indicators in Fish Species from the Baltic Sea Journal of the Science of Food and Agriculture, 92, v58, n4, p485

Influence of Carbon Availability on Dentrification in the Central Baltic Sea

Limnology and Oceanography, Sep 92, v37, n6, p1146

Mercury in Baltic and North Sea Waters

Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p43

Barbados

Recruitment, Growth and Mortality of a Coral-Inhabiting Barnacle Megabalanus stultus (Darwin) upon the Hydrocoral Millepora complanata Lamarck

Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p51

Belgium

Impact of Environmental Cadmium Pollution on Cadmium Exposure and Body Burden Archives of Environmental Health, Sep/Oct 92, v47, n5, p347

Decrease in blood Cadmium Levels Over Time in Belgium Archives of Environmental Health, Sep/Oct 92, v47, n5, p354

A Fog Forecasting Method in a Deeply Embanked Valley Atmospheric Environment, 92, v26A, n5, p759

Reduction of Dioxin Emission from a Municipal Waste Incinerator by Wet Gas Scrubbing *Chemosphere*, Oct-Nov 92, v25, n7-10, p1435

Effects of Air Filtration on Spring Wheat Grown in Open-Top Field Chambers at a Rural Site. II. Effects on Mineral Partitioning, Sulphur and Nitrogen Metabolism and on Grain Quality

Environmental Pollution, 92, v77, n1, p7

New Technologies in the Belgian Drinking Water Sector Journal of the Institution of Water and Environmental Management, Mar 92, p118

Two-Stroke Engine Lubricant Emissions in a Body of Water Subjected to Intensive Outboard Motor Operation Science of the Total Environment, 92, v116, n1,2, p59

Bermuda

Nutrient Limitation of the Macroalga, Penicillus capitatus, Associated with Subtropical Seagrass Meadows in Bermuda Estuaries, Mar 92, v15, n1, p18

Early Diagenesis in a Marine Sapropel, Mangrove Lake, Bermuda Limnology and Oceanography, Dec 92, v37, n8, p1738

Black Sea

An Extremely Low-Light-Adapted Phototrophic Sulfur Bacterium from the Black Sea *Limnology and Oceanography*,Jan, 92, v37, n1, p150

Bolivia

A New Species of *Linstowia* (Cestoda: Anoplocephalidae) from Marsupials in Bolivia *Journal of Parasitology*, Oct 92, v78, n5, p795

Brazil

Nutrient and Soil Organic Matter Dynamics Under Shifting Cultivation in Semi-Arid Northeastern Brazil Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p139

Organochlorine Pesticide Residues in Human Milk in the Ribeirão Preto Region, State of São Paulo, Brazil Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p167

Respiratory Alterations Due to Urban Air Pollution: An Experimental Study in Rats Environmental Research, Feb 92, v57, n1, p19

Special Series: The Future of Environmental Health Part One: Environmental Health in the 21st Century Journal of Environmental Health, Nov/Dec 92, v55, n3, p36

Responses of Chasmagnathus granulata Dana (Decapoda: Grapsidae) to Salt-Marsh Environmental Variations Journal of Experimental Marine Biology and Ecology, 92, v161; n2, p179

Parasitism by Cuterebrid Botflies (Metacuterebra apicalis) in Oryzomys nitidus (Rodentia: Cricetidae) and Metachirus nudicaudatus (Marsupialia: Didelphidae) in a Southeastern Brazilian Rain Forest Journal of Parasitology, Feb 92, v78, n1, p142

Cestode Parasites in *Potamotrygon motoro* (Natterer) (Chondrichthyes: Potamotrygonidae) from Southwestern Brazil, Including *Rhinebothroides mclennanae* N. Sp. (Tetraphyllidae: Phyllobothriidae), and a Revised Host-Parasite Checklist for Helminths Inhabiting Neotropical Freshwater Stingrays *Journal of Parasitology*, June 92, v78, n3, p393

Frequencies of Chromosomal Aberrations in Rodents Collected in the Coal-Field and Tobacco Culture Region of Criciúma, South Brazil Journal of Toxicology and Environmental Health, 92, v36, n2, p91

Carbon Cycling in the Amazon River: Implications from the ¹³C Compositions of Particles and Solutes *Limnology and Oceanography*, June 92, v37, n4, p857

Lead-210 and Polonium-210 Concentrations in Some Species of Marine Molluscs

Science of the Total Environment,
Mar 92, v112, n2,3, p263

Trace Metal Fluxes to Lake Sediments in South-Eastern Australia Science of the Total Environment, 92, v125, p227

Zinc in the Sediments, Water and Biota of Lake Burley Griffin, Canberra Science of the Total Environment, 92, v125, p235

Concentrations of Copper, Zinc and Lead in the Sydney Rock Oyster, Saccostrea commercialis (Iredale and Roughley) from the Georges River, New South Wales Science of the Total Environment, Sep 92, v126, n1,2, p27

Resuspension and Clearing of Dredge Spoils After Dredging, Cleveland Bay, Australia Water Environment Research, Dec 92, v64, n7, p910

Wastewater Management and Resource Recovery in Intensive Rural Industries in Australia Water Research, Feb 92, v26, n2, p201

Groundwater Recharge of Sewage Effluent through Amended Sand Water Research, Mar 92, v26, n3, p285

Eutrophication and Coral Reefs— Some Examples in the Great Barrier Reef Lagoon Water Research, May 92, v26, n5, p553

Factors Contributing to a Fish Kill in the Australian Wet/Dry Tropics Water Research, Aug 92, v26, n8, p1039

Arsenic Chemistry in Relation to the Disposal and Stability of Metallurgical Extraction Wastes "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p4

The Recovery of Mercury from Mineral Extraction Residues Using Hydrometallurgical Techniques "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p110

Austria

Determination of PCDDs and PCDFs in Soil Samples from Salzburg, Austria

Chemosphere, Aug 92, V25, n3, p283

Community Structure of Larval Chironomidae (Diptera) in a Backwater Area of the River Danube Freshwater Biology, Apr 92, v27, n2, p151

The Drifting of Invertebrates and Particulate Organic Matter in an Austrian Mountain Brook *Freshwater Biology*, June 92, v27, n3, p367

Populations Dynamics and Resource Utilization by Larval Chironomidae (Diptera) in a Backwater Area of the River Danube Freshwater Biology, Aug 92, v28, n1, p111

Bahamas

Comparative Hydrogeology of Fresh-Water Lenses of Bermuda and Great Exuma Island, Bahamas *Ground Water*, Jan-Feb 92, v30, n1, p15

Bahrain

Association of Luminous Bacteria with Artifical and Natural Surfaces in Arabian Gulf Seawater Applied and Environmental Microbiology, July 92, v58, n7, p2341

Concentrations of Nitrogen Dioxide Throughout the State of Bahrain Environmental Pollution, 92, v77, n1, p71

Lead Levels in Some Eye Cosmetics Used in Bahrain Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1541

Occupational Exposure to Carbon Monoxide During Charcoal Meat Grilling Science of the Total Environment, 92, v114, p141

Carboxyhemoglobin Levels in Blood Donors in Bahrain Science of the Total Environment, 92, v116, n1,2, p53

Polycyclic Aromatic Hydrocarbons, Nickel and Vanadium in Air Particulate Matter in Bahrain During the Burning of Oil Fields in Kuwait Science of the Total Environment, 92, v116, n3, p281

Multiple Antibiotic Resistant Fecal Coliforms in Raw Sewage Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p47

Impact of a Desalination Plant on the Physical and Chemical Properties of Seawater, Bahrain Water Research, Apr 92, v26, n4, p435

Baja California

Baja California Desalination Project Feasibility Study Report. Large Scale Dual Purpose Hybrid Desalination Plant Desalination, Sep 92, v87, n1-3, p123

Baltic Sea

Occurrence and Dynamics of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans and Other Combustion Related Organic Pollutants in the Aquatic Environment of the Baltic *Chemosphere*, July 92, v25, n1,2, p125

Polychlorinated Dibenzo-p-Dioxin and Polychlorinated Dibenzofuran Levels and Patterns in Fish and Fish-Eating Wildlife in the Baltic Sea *Chemosphere*, July 92, v25, n1,2, p185

Gas Chromatographic Separation of the Enantiomers of Marine Pollutants. 4. Fate of Hexachlorocyclohexane Isomers in the Baltic and North Sea Environmental Science and Technology, Nov 92, v26, n11, p2127

Using Ratios of Stable Nitrogen Isotopes to Estimate Bioaccumulation and Flux of Polychlorinated Dibenzop-Dioxins (PCDDs) and Dibenzofurans (PCDFs) in Two Food Chains from the Northern Baltic Environmental Toxicology and Chemistry, 92, v11, n3, p331 Reactivity-Based Hydrocarbon Controls: Scientific Issues and Potential Regulatory Applications Journal of the Air and Waste Management Association, May 92, v42, n5, p657

Uncertainties in Health-Risk Assessment: An Integrated Case Study Based on Tetrachloroethylene in California Groundwater *Regulatory Toxicology and Pharmacology*, Feb 92, v15, n1, p86

Selenium and Other Elements in Freshwater Fishes from the Irrigated San Joaquin Valley, California Science of the Total Environment, Sep 92, v126, n1,2, p109

Process Control Factors Influencing Nocardia Populations in Activated Sludge Water Environment Research, 92, v64, n1, p37

Evaluating Transport of Organic Chemicals in Soil Resulting from Underground Fuel Tank Leaks "Proceedings of the 46th Industrial Waste Conference," 1991, p131

California, Carpinteria Salt Marsh

Comparative Effects of Infaunal Bivalves on an Epibenthic Microalgal Community Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p247

California, Castle Lake

Phytoplankton Dynamics and the Role of Grazers in Castle Lake, California Ecology, June 92, v73, n3, p887

Physiological characteristics of

Physiological characteristics of Inorganic Nitrogen Uptake by Spatially Separate Algal Communities in a Nitrogen-Deficient Lake Freshwater Biology, Apr 92, v27, n2, p227

California, Central

Emission Rates of Organics from Vegetation in California's Central Valley Atmospheric Environment, 92, v26A, n14, p2647

Aquatic Life as Biomonitors of Dioxin/Furan and Coplanar Polychlorinated Biphenyl Contamination in the Sacramento-San Joaquin River Delta

Chemosphere, Aug 92, v25, n4, p621

Passive Water Sampling Via Semipermeable Membrane Devices (SPMDs) in Concert with Bivalves in the Sacramento and San Joaquin River Delta *Chemosphere*, Dec 92, v25, n12, p1811

Environmental Factors Associated with Long-Term Changes in Chlorophyll Concentration in the Sacramento-San Joaquin Delta and Suisun Bay, California Estuaries, Sep 92, v15, n3, p335

Sources of Nitric Oxide and Nitrous Oxide Following Wetting of Dry Soil Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p95

Stability of Synthetic Sand-Clay Aggregates After Wetting and Drying Cycles

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1843

Estimating Reference Evaporation in the Central Valley of California Using the Linacre Model Water Resources Bulletin, July-Aug 92, v28, n4, p695

California, Coachella Valley

Balancing Urban Development and Endangered Species: The Coachella Valley Habitat Conservation Plan Environmental Management, Jan/Feb 92, v16, n1, p7

California, El Monte

Commercial Vapor Treatment Processes "Proceedings of the Symposium on Soil Venting," 1991, p271

California, Elk Hills

Saturated Mound Development on Sloping Clay Layers Due to a Finite Source: An Analytical Solution Ground Water, July-Aug 92, v30, n4, p559

California, Elkhorn

Effects of Woody Vegetation on Sandy Levee Integrity Water Resources Bulletin, Sep/Oct 92, v28, n5, p917

California, Fullerton Hills

A Study of Current Residents' Knowledge of a Former Environmental Health Survey of Their Community

Archives of Environmental Health, July/Aug 92, v47, n4, p270

California, Irvine

Reducing the Use of Ozone Depleting Chemicals: The Irvine California Ordinance Journal of the Air and Waste Management Association, Apr 92, v42, n4, p429

California, Kesterson Reservoir

Selenium in Kesterson Reservoir Ephemeral Pools Formed by Groundwater Rise: I. A Field Study Journal of Environmental Quality, Apr-June 92, v21, n2, p246

Selenium in Kesterson Reservoir Ephemeral Pools Formed by Groundwater Rise: II. Laboratory Experiments

Journal of Environmental Quality, Apr-June 92, v21, n2, p252

Bare Soil Evaporation and Solute Movement in Selenium-Contaminated Soils of Kesterson Reservoir Journal of Environmental Quality, July-Sep 92, v21, n3, p447

California, Lake Tahoe

The Use of Wetlands for Nutrient Removal from Surface Runoff in a Cold Climate Region of California -Results from a Newly Constructed Weland at Lake Tahoe Journal of Environmental Management, Sep 92, v36, n1, p35 Spatial Variability of Throughfall Chemistry in a Tropical Rainforest (Central Amazonia, Brazil)

Science of the Total Environment,
June 92, v120, n3, p245

Contribution of Nitrogen Fixation to Sugar Cane: Nitrogen-15 and Nitrogen-Balance Estimates Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p105

Bulgaria

Effect of Magnesium Hydroxide (or Hydrate MgO) Formed Under Alkaline Conditions on Brackish Water Pretreatment for Reverse Osmosis

Desalination, Mar 92, v85, n3, p335

California

Atmospheric Emissions from Agricultural Burning in California: Determination of Burn Fractions, Distribution Factors, and Crop-Specific Contributions

Agriculture, Ecosystems and Environment, 15 Mar 92, v38, n4, p313

Agroecological Foundations of Alternative Agriculture in California Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p23

Irrigation Practices, Herbicide Use and Groundwater Contamination in Citrus Production: A Case Study in California

Agriculture, Ecosystems and Environment, June 92, v41, n1, p1

Field Tests of a Passive Sampler for Atmospheric Ozone at California Mountain Forest Locations *Atmospheric Environment*, 92, v26A, n8, p1407

Activity Patterns of Californians: Use of and Proximity to Indoor Pollutant Sources

Atmospheric Environment, 92, v26A, n12, p2141

Measurement of Volatile Organic Chemicals at Selected Sites in California Atmospheric Environment, 92, v26A, n16, p2929 ELISA of Simazine in Soil: Applications for a Field Leaching Study Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p554

Enzyme-Linked Immunosorbant Assay (ELISA) of Simazine for Delhi and Yolo Soils in California Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p348

Calculated Reentry Interval for Table Grape Harvesters Working in California Vineyards Treated with Methomyl

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p708

Organochlorine and Polychlorinated Biphenyl Levels in Pinniped Milk from the Arctic, the Antarctic, California and Australia Chemosphere, Mar 92, v24, n6, p779

Emerging Legal Issues in Siting Desalination Facilities in California Desalination, Sep 92, v87, n1-3, p1

A Research and Demonstration Project Permit Under the New California Groundwater Recharge Regulations Desalination, Sep 92, v87, n1-3, p37

Developing and Financing New Water Facilities: Alternatives for Desalination and Reclamation Plants Desalination, Sep 92, v87, n1-3, p85

Recruitment of Seedlings and Vegatative Sprouts in Unburned Chaparral Ecology, Aug 92, v73, n4, p1194

Effect of Shrubs on Recruitment of *Quercus douglasii* and *Quercus lobata* in California *Ecology*, Dec 92, v73, n6, p2118

Root Communication Mechanisms and intracommunity Distributions of Two Mojave Desert Shrubs *Ecology*, Dec 92, v73, n6, p2145

Lead Sources to California Sea Otters: Industrial Inputs Circumvent Natural Lead Biodepletion Mechanisms Environmental Research, Apr 92, v57, n2, p163

Industry-Wide Performance in a Pilot Performance Evaluation Sample Program for Hazardous Materials Laboratories. 1. Elemental Precision and Accuracy Environmental Science and Technology, Nov 92, v26, n11, p2095

Industry-Wide Performance in a Pilot Performance Evaluation Sample Program for Hazardous Materials Laboratories 2. Precision and Accuracy of Polychlorinated Biphenyls Environmental Science and Technology, Nov 92, v26, n11, p2101

Surfactant Screening of Diesel-Contaminated Soil Hazardous Waste and Hazardous Materials, Spring 92, v9, n2, p113

Experimental Evidence for the Effects of Polyphenolic Compounds from *Dictyoneurum californicum* Ruprecht (Phaeophyta: Laminariales) on Feeding Rate and Growth in the Red Abalone *Haliotus rufescens* Swainson

Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p263

Feedback Control of Basin-Irrigation System Journal of Irrigation and Drainage Engineering, May/June 92, v118, n3, p480

Airshed Calculation of the Sensitivity of Pollutant Formation to Organic Compound Classes and Oxygenates Associated with Alternative Fuels *Journal of the Air and Waste Management Association*, Feb 92, v42, n2, p174

Comparison of Spill Frequencies and Amounts at Vapor Recovery and Conventional Service Stations in California Journal of the Air and Waste Management Association, Mar 92, v42,

Evaluation of a Puff Dispersion Model in Complex Terrain Journal of the Air and Waste Management Association, Mar 92, v42, n3, p290

n3, p284

California, San Diego Bay

Chemical Contamination and Associated Fish Diseases in San Diego Bay *Environmental Science and Technology*, Apr 92, v26, n4, p725

A Lumped Stream-Aquifer Model to Assess Reclaimed Water Impacts Water Resources Bulletin, Mar-Apr 92, v28, n2, p361

California, San Francisco

Trace Element and Organochlorine Concentrations in California Clapper Rall (Rallus longirostris obsoletus) Eggs

Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p147

Uptake of Environmental Contaminants by Small Mammals in Pickleweed Habitats at San Francisco Bay, California

Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p389

Sources of Nitrogen and Phosphorus to Northern San Francisco Bay *Estuaries*, Mar 92, v15, n1, p40

The Introduction and Spread of Smooth Cordgrass (Spartina alterniflora) in South San Francisco Bay Estuaries, June 92, v15, n2, p218

Land Use Change in Three San Francisco Bay Area Counties: Implications for Ranching at the Urban Fringe

Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p475

Trophic Interactions and Direct Physical Effects Control Phytoplankton Biomass and Production in an Estuary

Limnology and Oceanography, July 92, v37, n5, p946

Priority Pollutant Loads from Effluent Discharges to the San Francisco Estuary Water Environment Research, 92, v64, n2, p134

Goals and Objectives for Nonpoint Source Control Projects in an Urban Watershed

"Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p25

Monitoring Program Development in an Urban Watershed "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p103

Evaluating Nonpoint Source Control Projects in an Urban Watershed "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p152

California, San Joaquin County

Cesium 137 Distribution in a California Pelloxerert: Evidence of Pedoturbation

Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p202

Selenium and Other Trace Elements in Bluegills from Agricultural Return Flows in the San Joaquin Valley, California

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p88

Desalting and Groundwater Management in the San Joaquin Valley, California

Desalination, Sep 92, v87, n1-3, p151

Photosynthesis and Growth Response of Almond to Increased Atmospheric Ozone Partial Pressures Journal of Environmental Quality, Apr-June 92, v21, n2, p208

Selenium and Sulfur Relationships in Alfalfa and Soil Under Field Conditions, San Joaquin Valley, California Journal of Environmental Quality, July-Sep 92, v21, n3, p353

Bulk Density of a Sandy Loam: Traffic, Tillage and Irrigation-Method Effects

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p562

California, Santa Barbara

Drought-Proofing in Southern California by Seawater Desalting Is Economic Today Desalination, Apr 92, v86, n1, p1

California, Santa Clara County

Assessment of Acute Health Effects from the Medfly Eradication Project in Santa Clara County, California *Archives of Environmental Health*, July/Aug 92, v47, n4, p279

California, Santa Monica Bay

Regulation Through Local Level Negotiation-A Successful Approach to Control of Nonpoint Source Pollution

"Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p172

California, Seal Beach

Anaerobic Degradation of Toluene and Xylene by Aquifer Microorganisms under Sulfate-Reducing Conditions

Applied and Environmental Microbiology, Mar 92, v58, n3, p794

Complete Mineralization of Benzene by Aquifer Microrganisms under Strictly Anaerobic Conditions Applied and Environmental Microbiology, Aug 92, v58, n8, p2663

California, Sierra Nevada Mountains

Atmospheric Dry Deposition on Pines in the Eastern Brook Lake Watershed, Sierra Nevada, California Atmospheric Environment, 92, v26A, n17, p3195

Internal Cycling of Nitrate in Soils of a Mature Coniferous Forest Ecology, Aug 92, v73, n4, p1148

Evaluating Wilderness Recreational Opportunities: Application of an Impact Matrix Environmental Management, May/ June 92, v16, n3, p397

Ion Elution and Release Sequence from Deep Snowpacks in the Central Sierra Nevada, California Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p139

California, Lathrop

Biological Activated Carbon Process for Removing Sulfolane from Groundwater

"Proceedings of the 46th Industrial Waste Conference," 1991, p99

California, Los Angeles

Secondary Organic Aerosol Formation and Transport *Atmospheric Environment*, 92, v26A, n13, p2269

Results from the 1987 Total Exposure Assessment Methodology (TEAM) Study in Southern California Atmospheric Environment, 92, v26A, n8, p1519

Heterogeneous Sulfate Production in an Urban Fog *Atmospheric Environment*, 92, v26A, n14, p2509

Expiratory Flows Decreased in Los Angeles Children from 1984 to 1987: Is This Evidence of Effects of Air Pollution? Environmental Research, Oct 92,

Environmental Research, Oct 92, v59, n1, p150

Spatial and Temporal Distribution of Atmospheric Nitric Acid and Particulate Nitrate Concentrations in the Los Angeles Area

Environmental Science and Technology, Aug 92, v26, n8, p1594

Respeciation of Organic Gas Emissions and the Detection of Excess Unburned Gasoline in the Atmosphere

Environmental Science and Technology, Dec 92, v26, n12, p2395

California, Mad River Basin

Conjunctive-Use Planning in Mad River Basin, California Journal of Water Resources Planning and Management, Mar/Apr 92, v118, n2, p115

California, Monterey

Physiological Response of the Stipitate Understory Kelp, Pterygophora californica Ruprecht, to Shading by the Giant Kelp, Macrocystis pyrifera Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p237

Seasonal Mevinphos Degradation on Row Crops in Monterey County, 1990

Chemosphere, Mar 92, v24, n6, p773

California, Mountain View

Simulating Solute Transport Using Laboratory-Based Sorption Parameters

Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p666

California, Newport Beach

Proceedings of the NWSIA 1992 Biennial Conference, Desalting and Recycling: Meeting Today's Water Challenges, Newport Beach, California

Desalination, Oct 92, v88, n1-3

California, Northern

Habitat Heterogeneity and the Functional Significance of Fish in River Food Webs *Ecology*, Oct 92, v73, n5, p1675

Variation in Genetic Structure Among Populations of the Northern Caddisfly *Helicopsyche borealis* from Three Streams in Northern California, United StatesA.

Freshwater Biology, Feb 92, v27, n1, p29

Biological Tags for Stock Separation in Pacific Herring *Clupea harengus* pallasi in California Journal of Parasitology, Feb 92, v78, n1, p54

Effects of Suction-Dredge Gold Mining on Benthic Invertebrates in a Northern California Stream North American Journal of Fisheries Management, Winter 92, v12, n1, p244

Pond Closure Using In-Situ Soil Stabilization: A Case History "Proceedings of the 46th Industrial Waste Conference," 1991, p31

California, Northwestern

Soil-Vegetation Relationships in Franciscan Terrain of Northwestern California Soil Science Society of America

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1951

The Volume of Fine Sediment in Pools: An Index of Sediment Supply in Gravel-Bed Streams

Water Resources Bulletin, Mar-Apr 92, v28, n2, p371

California, Orange County

Removing Color from A Groundwater Source

American Water Works Association Journal, Jan 92, v84, n1, p79

California, Pacific Grove

Alternation Between Attachment Mechanisms by Limpets in the Field Journal of Experimental Marine Biology and Ecology, 92, v160, n2, p205

California, Rubidoux

A Neighborhood-Scale Study of PM₁₀ Source Contributions in Rubidoux, California

Atmospheric Environment, 92, v26A, n4, p693

California, Sacramento Delta

Simulating THM Formation Potential in Sacramento Delta Part 1 *Journal of Water Resources Planning and Management*, Sep/Oct 92, v118, n5, p513

Simulating THM Formation Potential in Sacramento Delta Part 2 Journal of Water Resources Planning and Management, Sep/Oct 92, v118, n5, p530

California, Salton Sea

Developmental Defects in Fish Embryos from Salton Sea, California Bulletin of Environmental Contamination and Toxicology, June 92, v48, n6, p914 A Case Study of Ozone Production in a Rural Area of Central Ontario Atmospheric Environment, 92, v26A, n2, p311

Regionally Representative Daily Air Concentrations of Acid-Related Substances in Canada; 1983-1987 Atmospheric Environment, 92, v26A, n4, p593

Atmospheric Methane and Sulphur Compounds at a Remote Central Canadian Location *Atmospheric Environment*, 92, v26A, n5, p907

Relationships Between PAN, PPN and O₃ at Urban and Rural Sites in Ontario *Atmospheric Environment*, 92, v26A, n7, p1259

Estimates of Dark Ecosystem Respiration of CO₂ from the City of Calgary, Alberta

Atmospheric Environment, 92, v26A, n9, p1725

Determination of Radon in Indoor Air in Quebec by Liquid Scintillation Counting in *ortho*-Xylene *Atmospheric Environment*, 92, v26A, n9, p1791

Nitrogen Source-Receptor Matrices and Model Results for Eastern Canada *Atmospheric Environment*, 92, v26A, n13, p2323

Demonstration of Spatial Heterogeneity in the Organic Matter of De-Ashed Humins by Solid-State ¹³C

Canadian Journal of Soil Science, Feb 92, v72, n1, p13

CPMAS NMR

Spatial and Temporal Fluctuation in Biomass, Nitrogen Mineralizing Reactions and Mineral Nitrogen in a Soil Cropped to Barley Canadian Journal of Soil Science, Feb 92, v72, n1, p31

Acidification Adjacent to an Elemental Sulfur Stockpile: II. Trace Element Redistribution Canadian Journal of Soil Science, May 92, v72, n2, p127

Prediction of Available Potassium in Ontario Soils by Electro-Ultrafiltration and Chemical Extraction Canadian Journal of Soil Science, May 92, v72, n2, p159

Burning of Alfalfa Stubble for Insect Control as it Affects Soil Chemical Properties Canadian Journal of Soil Science, May 92, v72, n2, p169

Prediction of Fertilizer Requirements for Spring Wheat Grown on Stubble in Southwestern Saskatchewan Canadian Journal of Soil Science, Aug 92, v72, n3, p229

The Relative Persistence of Trifluralin (545 EC and 5G) and Ethalfluralin in Prairie Soils Canadian Journal of Soil Science, Aug 92, v72, n3, p255

Formation of Swelling Clay Minerals by Sulfide Oxidation in some Metamorphic Rocks and Related Soils of Ontario, Canada Canadian Journal of Soil Science, Aug 92, v72, n3, p263

Factors Affecting Fertilizer Response of Wheat in Southwestern Saskatchewan Canadian Journal of Soil Science, Nov 92, v72, n4, p577

Preliminary Investigations on the Use of ¹³⁷Cs To Estimate Erosion in Saskatchewan *Canadian Journal of Soil Science*, Nov 92, v72, n4, p673

Concentrations of Twenty-Four Elements in Bluefin Tuna, *Thunnus* thynnus from the Northwest Atlantic Chemosphere, Jan 92, v24, n2, p211

Organic Contaminants in the Northwest Atlantic Atmosphere at Sable Island, Nova Scotia, 1988-89 *Chemosphere*, May 92, v24, n9, p1389

Partitioning of Polychlorinated Dioxins and Furans Between Water, Sediments and Biota in Lake Mesocosms Chemosphere, July 92, v25, n1,2, p119 Comparison of Chlorinated Hydrocarbon Residues in Human Populations from the Great Lakes and Other Regions of Canada *Chemosphere*, Aug 92, v25, n3, p417

Breast Milk Contamination by PCDDs, PCDFs and PCBs in Arctic Quebec: A Preliminary Assessment Chemosphere, Oct-Nov 92, v25, n7-10, p1245

Sea-Bird Egg Consumption as a Major Source of PCB Exposure for Communities Living Along the Gulf of St. Lawrence Chemosphere, Oct-Nov 92, v25, n7-10, p1251

Internal Quality Assurance Requirements for the Analysis of Dioxins in Environmental Samples *Chemosphere*, Oct-Nov 92, v25, n7-10, p1291

Dioxins and Furans in Residents of a Forest Industry Region of Canada *Chemosphere*, Dec 92, v25, n12, p1741

The Technical and Economic Benefits of Centrifugal Reverse Osmosis Desalination Desalination, Nov 92, v89, n1, p33

Patterns of Gap-Phase Replacement in a Subalpine, Old-Growth Forest *Ecology*, Apr 92, v73, n2, p657

Stability, Regulation, and the Determination of Abundance in an Insular Song Sparrow Population *Ecology*, June 92, v73, n3, p805

A Postfire Shift from Lichen-Spruce to Lichen-Tundra Vegetation at Tree Line *Ecology*, June 92, v73, n3, p1067

Organochlorine Contaminants in Narwhal (Monodon monoceros) from the Canadian Arctic Environmental Pollution, 92, v75, n3, p307

Impact of Atrazine-Bearing Agricultural Tile Drainage Discharge on Planktonic Drift of a Natural Stream *Environmental Pollution*, 92, v76, n3, p201

Organic Chemicals in the Air at Whitaker's Forest/Sierra Nevada Mountains, California Science of the Total Environment, Mar 92, v112, n2,3, p233

California, Southern

Urban Drought Response in Southern California: 1990-91 American Water Works Association Journal, Oct 92, v84, n10, p34

Optimizing Belt Filter Press Dewatering at the Skinner Filtration Plant American Water Works Association Journal, Nov 92, v84, n11, p47

Isolation and Characterization of *Haloanaerobacter chitinovorans* gen. nov., sp. nov., a Halophilic, Anaerobic, Chitinolytic Bacterium from a Solar Saltern *Applied and Environmental Microbiology*, Jan 92, v58, n1, p260

Analysis of Aerosol Ammonium Nitrate; Departures from Equilibrium During SCAQS Atmospheric Environment, 92, v26A, n4, p579

The Relationship of the Extinction Coefficient Distribution to Wind Field Patterns in Southern California Atmospheric Environment, 92, v26A, n5, p827

Oxadiazon Residue Concentrations in Sediment, Fish and Shellfish from a Combined Residential/Agricultural Area in Southern California Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p608

Seawater Desalting for Southern California: Technical and Economic Considerations Desalination, Sep 92, v87, n1-3, p55

Large Scale Seawater Distillation for Southern California *Desalination*, Sep 92, v87, n1-3, p69

Financing Groundwater Desalination in Southern California *Desalination*, Sep 92, v87, n1-3, p175

Anthropogenic Silver in the Southern California Bight: A New Tracer of Sewage in Coastal Waters Environmental Science and Technology, Nov 92, v26, n11, p2147

Comparison of Emission Inventory and Ambient Concentration Ratios of CO, NMOG, and NO_x in California's South Coast Air Basin *Journal of the Air and Waste Management Association*, Mar 92, v42, n3, p264

Atmospheric Concentrations of PCDDs/PCDFs in Southern California

Journal of the Air and Waste Management Association, May 92, v42, n5, p672

Photochemical Pollution at Two Southern California Smog Receptor Sites

Journal of the Air and Waste Management Association, June 92, v42, n6, p805

Restoring Coastal Wetlands: The Californian Experience Journal of the Institution of Water and Environmental Management, 92, v6, n6, p709

Laboratory Production of Bromoform, Methylene Bromide, and Methyl Iodide by Macroalgae and Distribution in Nearshore Southern California Waters Limnology and Oceanography, Dec 92, v37, n8, p1652

California, Sunnyvale

VenMet[∞] Solution Reduction of Solid Waste at Hewlett-Packard, Sunnyvale "Proceedings of the 46th Industrial Waste Conference," 1991, p325

California, Ukiah

Agency/Landowner Cooperation -Tomki Watershed Project "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p28

Putting the Plan 'On the Ground'-Tomki Watershed Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p60

California, Ventura River

Ventura River Flood of February 1992: A Lesson Ignored? Water Resources Bulletin, Sep/Oct 92, v28, n5, p813

Canada

Organic Farming in Canada Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p71

Pilot Testing a Limestone Contactor in British Columbia American Water Works Association Journal, May 92, v84, n5, p70

Comparing Chlorination and Chloramination for Controlling Bacterial Growth American Water Works Association Journal, July 92, v84, n7, p80

Enumeration of Thiobacilli within pH-Neutral and Acidic Mine Tailings and Their Role in the Development of Secondary Mineral Soil Applied and Environmental Microbiology, June 92, v 58, n6, p1904

Heavy Metal and Metallothionein Concentrations in Atlantic Canadian Seabirds

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p63

Partitioning of Cadmium and Lead Within Seston of Coastal Marine Waters of the Western Bay of Fundy, Canada

Archives of Environmental Contamination and Toxicology, Apr 92, v22, n3, p325

Long-Term Monitoring of Aldicarb Residues in Groundwater Beneath a Canadian Potato Field Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p183

Respiratory Health Effects of Alkali Dust in Residents Near Desiccated Old Wives Lake Archives of Environmental Health, Sep/Oct 92, v47, n5, p364

Spatial Distribution of Hexazinone and Metabolites in a Luvisolic Soil Journal of Environmental Science and Health—Pesticides, Food Contaminants, and Agricultural Wastes, 92, vB27, n6, p639

Tidal Wake-Mixing: Localized Effects on Primary Production and Zooplankton Distributions in the Strait of Georgia, British Columbia Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p261

New Distribution Records for *Bunodera eucaliae* and *Bunodera inconstans* N. Comb (Digenea: Allocreadiidae: Bunoderinae) with Discussion of Their Phylogenetic Relationships *Journal of Parasitology*, Oct 92, v78, n5, p779

Costs of Conventional and Conservation Tillage Systems Journal of Soil and Water Conservation, July-Aug 92, v47, n4, p328

Atmospheric Polycyclic Aromatic Hydrocarbons at a Point Surface of Emissions. Part A: Identification and Determination of Polycyclic Aromatic Compounds in Airborne Particulate Matter Near a Horizontal Stud Soderberg Plant Journal of the Air and Waste Management Association, Dec 92, v42, n12, p1609

Modification of the N: P Ratio in Lakes by In Situ Processes *Limnology and Oceanography*, July 92, v37, n5, p917

Effect of Stocking Season and Technique on Survival of Lake Trout in Lake Ontario North American Journal of Fisheries Management, Winter 92, v12, n1, p131

Characteristics of the American Lobster Fishery of Grand Manan, New Brunswick, Canada North American Journal of Fisheries Management, Winter 92, v12, n1, p139

Field Evaluation of Two Rainbow Trout Strains Introduced Into Three British Columbia Lakes North American Journal of Fisheries Management, Summer 92, v12, n3, p465

Studies on the Nature of Sulphur in Peat Humic Acids from the Fraser River Delta, British Columbia Science of the Total Environment, Mar 92, v113, n1,2, p133

Aerosols Characterization in a Forested Site in Quebec, Canada Science of the Total Environment, 92, v116, n3, p221

Biodegradation of Aquatic Organic Matter with Reference to Drinking Water Treatment Science of the Total Environment, May 92, v117/118, p531

Cadmium, Lead, Mercury and ¹³⁷Cesium in Fruticose Lichens of Northern Quebec *Science of the Total Environment*, 92, v121, p217

The Distribution of Pollutant Heavy Metals and their Effect on Soil Respiration and Acid Phosphatase Activity in Mineral Soils of the Rouyn-Noranda Region, Quebec Science of the Total Environment, 92, v121, p231

Occurrence of Butyltin Species in Sewage and Sludge in Canada Science of the Total Environment, 92, v121, p271

Volatilization of Mercury from Lake Surfaces Science of the Total Environment, 92, v125, p47

Simulation of Surface Energy Balance and Soil Temperature under Strip Tillage: II. Field Test Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p29

Isotopic Composition of Hydration Water in Gypsum and Hydroxyl in Jarosite *Soil Science Society of America Journal*, Jan-Feb 92, v56, n1, p309

Landscape-Scale Variations in Denitrification Soil Science Society of America Journal, May-June 92, v56, n3, p770 Genesis of Natriborolls (Solonetzic) in a Closed Lake Basin in Saskatchewan, Canada Soil Science Society of America Journal, May-June 92, v56, n3, p842

Interactions between Organic and Inorganic Components in Particle-Size Fractions Separated from Four Soils Soil Science Society of America Journal, July/Aug 92, v56, n4, p1099

Plant-Available Nitrogen from Lentil and Wheat Residues During a Subsequent Growing Season Soil Science Society of America Journal, July/Aug 92, v56, n4, p1155

Release of Potassium and Magnesium from Soil Fractions and Its Kinetics Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1421

Light-Fraction Organic Matter in Soils from Long-Term Crop Rotations Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1799

Estimating Organic Acid Contributions to Surface Water Acidity in Quebec (Canada) Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p57

Changes in Water Quality in the Laflamme Lake Watershed Area, Canada Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p95

Quebec Lake Survey: I. Statistical Assessment of Surface Water Quality Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p107

Quebec Lake Survey: II. Origin and Extent of Acidification Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p125

Algal Microfossils Provide High Temporal Resolution of Environmental Trends Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p75

Trend Detection in Water Quality Time Series of LRTAP-Quebec Network Lakes Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p89 Radium-226 Levels and Concentration Ratios Between Water, Vegetation, and Tissues of Ruffed Grouse (Bonasa umbellus) from a Watershed with Uranium Tailings Near Elliot Lake, Canada Environmental Pollution, 92, v77, n1, p39

Response of the Plastic Lake Catchment, Ontario, to Reduced Sulphur Deposition Environmental Pollution, 92, v77, n2,3, p211

Application of Four Watershed Acidification Models to Batchawana Watershed, Canada Environmental Pollution, 92, v77, n2,3, p243

Towards a Model of Acidification Effects on Waterfowl in Eastern Canada Environmental Pollution, 92, v78, n1-3, p57

Contemporary (1979-1988) and Inferred Historical Status of Headwater Lakes in North Central Ontario, Canada

Environmental Pollution 92 v78 pl

Environmental Pollution, 92, v78, n1-3, p65

Evidence of Biological Recovery in Acid-Stressed Lakes Near Sudbury, Canada Environmental Pollution, 92, v78, n1-3, p79

Temporal Patterns in Air Pollution and Hospital Admissions Environmental Research, Dec 92, v59, n2, p374

Isotopic Composition of Sulfur in Mosses Across Canada Environmental Science and Technology, Jan 92, v26, n1, p85

Gas-and Particle-Phase Concentrations of a-Hexachlorocyclohexane g-Hexachlorocyclohexane, and Hexachlorobenzene In Ontario Air *Environmental Science and Technology*, Jan 92, v26, n1, p126

Annual Cycle of Polychlorinated Biphenyls and Organohalogen Pesticides in Air in Southern Ontario 1. Air Concentration Data Environmental Science and Technology, Feb 92, v26, n2, p266

Annual Cycle of Polychlorinated Biphenyls and Organohalogen Pesticides In Air in Southern Ontario 2. Atmospheric Transport and Sources

Environmental Science and Technology, Feb 92, v26, n2, p276

A History of Octachlorodibenzo-p-Dioxin, 2,3,7,8-

Tetrachlorodibenzofuran, and 3,3', 4,4'-Tetrachlorobiphenyl Contamination in Howe Sound, British Columbia

Environmental Science and Technology, Aug 92, v26, n8, p1544

Pesticides in Ground Water, Surface Water, and Spring Runoff in a Small Saskatchewan Watershed *Environmental Toxicology and Chemistry*, 92, v11, n6, p741

Ecosystem-Level Changes That May be Expected in a Changing Global Climate: A British Columbia Perspective

Environmental Toxicology and Chemistry, 92, v11, n8, p1061

The Effect of Wood Species Composition on the Toxicity of Simulated Mechanical Pulping Effluents *Environmental Toxicology and Chemistry*, 92, v11, n9, p1259

Response of Hepatic MFO Activity and Plasma Sex Steriods to Secondary Treatment of Bleached Kraft Pulp Mill Effluent and Mill Shutdown Environmental Toxicology and Chemistry, 92, v11, n10, p1427

The Biological Significance of Contaminants in Sediment from Hamilton Harbour, Lake Ontario Environmental Toxicology and Chemistry, 92, v11, n11, p1527

Sediment Bioassessment in Halifax Harbour Environmental Toxicology and Chemistry, 92, v11, n11, p1567

Effects of Bleached Kraft Mill Effluent on Fish in the St. Maurice River, Quebec Environmental Toxicology and Chemistry, 92, v11, n11, p1635 Life History and Production of the Predatory Caddisfly *Rhyacophila vao* Milne in a Spring-Fed Stream *Freshwater Biology*, Feb 92, v27, n1, p1

Distribution of Ephemeroptera, Plecoptera, and Trichoptera of Three Maritime Catchments Differing in pH Freshwater Biology, Feb 92, v27, n1, p65

A Weighted-Averaging Regression and Calibration Model for Inferring Total Phosphorus Concentration from Diatoms in British Columbia (Canada) Lakes Freshwater Biology, June 92, v27, n3, p417

Transformation of the Herbicides MCPP and Atrazine Under Natural Aquifer Conditions *Ground Water*, July-Aug 92, v30, n4, p500

A Multilevel Ground Water Monitoring System for Casing Advance and Bedrock Drilling Methods *Ground Water Monitoring Review*, Spring 92, v12, n2, p105

Hazardous Waste Generation and Disposal by the Industrial-Commercial-Institutional (ICI) Sector in a Resource-Based Community Hazardous Waste and Hazardous Materials, Summer 92, v9, n3, p297

Ion Enrichment of Snowmelt Water by Processes within a Podzolic Soil Journal of Environmental Quality, Jan-Mar 92, v21, n1, p102

Utility and Railway Right-of-Way Contaminants in British Columbia: Chlorophenols Journal of Environmental Quality, Apr-June 92, v21, n2, p225

Removal of Heavy Metals at a Canadian Wastewater Treatment Plant

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p13

Chesapeake Bay

Distribution of Viruses in the Chesapeake Bay Applied and Environmental Microbiology, Sep 92, v58, n9, p2965

Testing Sediment Toxicity in Chesapeake Bay with the Amphipod Leptocheirus plumulosus: An Evaluation Environmental Toxicology and Chemistry, 92, v11, n2, p225

Ambient Toxicity Testing in the Chesapeake Bay Watershed Using Freshwater and Estuarine Water Column Tests Environmental Toxicology and Chemistry, 92, v11, n10, p1409

The Trophic Consequences of Oyster Stock Rehabilitation in Chesapeake Bay *Estuaries*, Sep 92, v15, n3, p298

Nutrient Flux in a Landscape: Effects of Coastal Land Use and Terrestrial Community Mosaic on Nutrient Transport to Coastal Waters *Estuaries*, Dec 92, v15, n4, p431

External Nutrient Sources, Internal Nutrient Pools, and Phytoplankton Production in Chesapeake Bay Estuaries, Dec 92, v15, n4, p497

Occurrence of Agglutinins in the Pallial Cavity Mucus of Oysters Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p1

Event-Scale Response of Phytoplankton to Watershed Inputs in a Subestuary: Timing, Magnitude, and Location of Blooms Limnology and Oceanography, June 92, v37, n4, p813

Presidedress Soil Nitrate Test Evaluation in Maryland Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1527

Estimating Maryland Critical Area Act's Impact on Future Nonpoint Pollution Along the Rhode River Estuary Water Resources Bulletin, May-JUne 92, v28, n3, p553

Chile

Induction of Micronuclei in Mice Bone Marrow Cells by Home Made Aguardientes Collected in Southern Chile and their Incidence in Gastric Cancer

Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p866

China

Sustainable and Productive Agricultural Development in China Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p55

Characteristics of the Crop-Paulownia System in China Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p145

A Longitudinal Study of Lung Function in Jute Processing Workers Archives of Environmental Health, May/June 92, v47, n3, p218

Chemical Characterization of Indoor Air of Homes from Communes in Xuan Wei, China, with High Lung Cancer Mortality Rate Atmospheric Environment, 92, v26A, n12, p2193

Study on the Numerical Modeling of Particulate Matter in Shanghai *Atmospheric Environment*, 92, v26A, n15, p2679

Numerical Simulation of Air Pollutant Transport and Diffusion in a Mountainous City Atmospheric Environment, 92, v26A, n15, p2689

Turbulence Characteristics in an Urban Atmosphere of Complex Terrain Atmospheric Environment, 92, v26A, n15, p2717

Dioxins in Chinese Technical Pentachlorophenols *Chemosphere*, Oct-Nov 92, v25, n7-10, p1493

Use of Cattails in Treating Wastewater from a Pb/Zn Mine *Environmental Management*, Jan/Feb 92, v16, n1, p75

A Retrospective Mortality Cohort Study of Chrysotile Asbestos Products Workers in Tianjin 1972-1987 Environmental Research, Oct 92, v59, n1, p271

Chemical Characterization of Mutagenic Fractions of Particles from Indoor Coal Combustion: A Study of Lung Cancer in Xuan Wei, China Environmental Science and Technology, May 92, v26, n5, p999

Hydrogeologic Characteristics and Deforestation of the Stone Forest Karst Aquifers of South China *Ground Water*, Mar-Apr 92, v30, n2, p167

Exploration and Development of Ground Water from the Stone Forest Karst Aquifers of South China *Ground Water*, May-June 92, v30, n3, p324

Optimal Attack Density in the Larch Bark Beetle, *Ips cembrae* (Coleoptera: Scolytidae) *Journal of Applied Ecology*, 92, v29, n3, p672

Determination of Phosphorus Concentration Threshold for Algal Growth in Eutrophic Chaohu Lake,

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n2, p433

Study on the Pathogenic Factors of Kashin-Beck Disease Journal of Toxicology and Environmental Health, 92, v35, n2, p79

Background Values of Trace Elements in the Source Area of the Yangtze River Science of the Total Environment, 92, v125, p391

Paddy Rice Slow-Rate Land Treatment Systems I. Design of Hydraulic Loading Rates *Water Research*, Nov 92, v26, n11, p1479

Paddy Rice Slow-Rate Land Treatment Systems II. Hydraulic Balances and Results of 4 Years' Operation *Water Research*, Nov 92, v26, n11, p1487

Sources and Behavior of Anthropogenic Radionuclides in the Ottawa River Waters Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p167

Estimation of S and NO_x-N Deposition Budgets for the United States and Canada *Water, Air, and Soil Pollution*, July 92, v63, n3,4, p211

The State of Suspended Sediment in the Freshwater Fluvial Environment: A Method of Analysis Water Research, Jan 92, v26, n1, p65

Genotoxicity in Water and Sediment Extracts from the St. Lawrence River System, using the SOS Chromotest Water Research, Apr 92, v26, n4, p419

Biological and Chemical Characterization of Newsprint/Specialty Mill Effluents *Water Research*, June 92, v26, n6, p771

Coupling of Nonparametric Frequency and L-Moment Analyses for Mixed Distribution Identification Water Resources Bulletin, Mar-Apr 92, v28, n2, p263

Optimal Management of Relief Wells Near Waterton Reservoir Water Resources Bulletin, Mar-Apr 92, v28, n2, p349

Anaerobic and Aerobic Treatment of Potato Processing Wastewater: Case Study

"Proceedings of the 46th Industrial Waste Conference," 1991, p405

Canary Islands

Trace Metals in Limpets (*Patella* sp) from the Coast of Santa Cruz de Tenerife (Canary Islands)

Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p55

Desalination Technology in the Canary Islands 1990 Desalination, Feb 92, v85, n2, p147

Caribbean

Optimizing and Planning of Seawater Desalination

Desalination, Nov 92, v89, n1, p1

Community Structure in Times Past: Influence of Human Fishing Pressure on Algal-Urchin Interactions *Ecology*, Oct 92, v73, n5, p1597

Caribbean Small-Island Tourism Styles and Sustainable Strategies Environmental Management, Sept/ Oct 92, v16, n5, p619

Strategic, Long-Range Planning for Environmental and Natural Resources Management: Results from Applied Experience in Central America and the Caribbean *Journal of Environmental Management*, Nov 92, v36, n3, p215

The Effects of Geography and Hurricane Disturbance on a Tropical Predator-Prey Interaction Journal of Experimental Marine Biology and Ecology, 92, v162, n1. p15

Caspian Sea

The Joint Effect of Oil and Drilling Agents on Some Invertebrate Species of the Caspian Sea Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p1

Chernobyl

A Fast Long-Range Transport Model for Operational Use in Episode Simulation. Application to the Chernobyl Accident Atmospheric Environment, 92, v26A, n14, p2523

A Long-Range Dispersion Model Evaluation Study with Chernobyl Data Atmospheric Environment, 92, v26A, n15, p2805

Analysis of DNA Strand Break Induction and Repair in Plants from the Vicinity of Chernobyl Science of the Total Environment, Feb 92, v112, n1, p1

Cytogenetic Effects of Ionizing Radiation in *Crepis tectorum* Grow-

ing Within 30km of the Chernobyl Atomic Power Station
Science of the Total Environment,
Feb 92, v112, n1, p9

Genetic Consequences of Radioactive Contamination for Populations of Arabidopsis Science of the Total Environment, Feb 92, v112, n1, p19

The Mutation Frequency of *Droso-phila melanogaster* Populations
Living Under Conditions of Increased
Background Radiation Due to the
Chernobyl Accident
Science of the Total Environment,
Feb 92, v112, n1, p37

Genetic Disorders in Mice Exposed to Radiation in the Vicinity of the Chernobyl Nuclear Power Station *Science of the Total Environment*, Feb 92, v112, n1, p45

The Monitoring of Herbaceous Seeds in the 30-km Zone of the Chernobyl Nuclear Accident *Science of the Total Environment*, Feb 92, v112, n1, p57

Effects of Radioactive Fallout on Soil Animal Population in the 30km Zone of the Chernobyl Atomic Power Station Science of the Total Environment, Feb 92, v112, n1, p69

Efficiency of Measures Aimed at Decreasing the Contamination of Agricultural Products in Areas Contaminated by the Chernobyl NPP Accident Science of the Total Environment, Feb 92, v112, n1, p79

Mathematic Modeling of Radionuclide Dispersion in the Pripyat-Dnieper Aquatic System after the Chernobyl Accident Science of the Total Environment, Feb 92, v112, n1, p89

The Structure of *Dreissena*polymorpha Populations from Basins
Adjacent to the Chernobyl Atomic
Power Station

Science of the Total Environment,
Feb 92, v112, n1, p115

Mapping Ordinal Data in Soil Survey: A Costa Rican Example Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p525

Bypass Water Flow through Unsaturated Microaggregated Tropical Soils *Soil Science Society of America Journal*, May-June 92, v56, n3, p721

Croatia

Levels of Polychlorinated Biphenyls, Organochlorine Pesticides, and Chlorophenols in the Kupa River Water and in Drinking Waters from Different Areas in Croatia Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p805

Radium and Uranium in Phosphae Fertilizers and Their Impact on the Radioactivity of Waters Water Research, May 92, v26, n5, p607

Czechoslovakia

Examining a Critically III Environment

Environmental Science and Technology, Jan 92, v26, n1, p14

Cadmium, Lead and Mercury Levels in Feeding Yeast Produced in Czechoslovakia Science of the Total Environment, 92, v114, p73

Monitoring of Lead, Cadmium and Mercury in Environmental Samples at the Regional Station of the Integrated Background Monitoring Network of GEMS in Czechoslovakia Science of the Total Environment, 92, v115, n3, p261

Contamination of Soils in the Slovak Republic by Persistent Pesticides and their Transport in Soil-Plant System Science of the Total Environment, 92, v123/124, p491

Inorganic and Organic Sulfur Profiles in Nine *Sphagnum* Peat Bogs in the United States and Czechoslovakia *Water, Air, and Soil Pollution*, Nov 92, v65, n3,4, p371

Delaware

Nonpoint Source Phosphorus Loads to Delaware's Lakes and Streams Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1007

Land Application of Lime Stabilized Septage

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1701

Delaware, Delaware River

The Paleoecological Development of a Late Holocen, Tidal Freshwater Marsh of the Upper Delaware River Estuary Estuaries, June 92, v15, n2, p130

Delaware, Southern

Delaware's Inland Bays Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p63

Denmark

Survival of *Bacillus licheniformis* in Seawater Model Ecosystems *Applied and Environmental Microbiology*, Jan 92, v58, n1, p252

Denitrification, Dissimilatory Reduction of Nitrate to Ammonium and Nitrification in a Bioturbated Estuarine Sediment as Measured with ¹⁵N and Microsensor Techniques Applied and Environmental Microbiology, Jan 92, v58, n1, p303

A New Method for Estimation of Dry Deposition of Particles Based on Throughfall Measurements in a Forest Edge Atmospheric Environment, 92, v26A, n9, p1553

Mercury in Danish Otters (*Lutra lutra*) Chemosphere, Sept 92, v25, n6, p865

Changes in the Abundance and Composition of Cyclopoid Copepods Following Fish Manipulation in Eutrophic Lake Vaeng, Denmark Freshwater Biology, Oct 92, v28, n2, p183

Herbivory of Invertebrates on Submerged Macrophytes from Danish Freshwaters Freshwater Biology, Dec 92, v28, n3, p301

Effects of Mercury on the Biosynthesis of Porphyrins in Bivalve Molluscs (Cerastoderma edule (L.) and C. lamarcki (Reeve)

Journal of Experimental Marine

Biology and Ecology, 92, v164, n1, p17

Evaluation of Methods for Nitrogen and Phosphorus Control in Sewage Effluents

Journal of the Institution of Water and Environmental Management,
Mar 92, p50

n-3 Polyunsaturated Fish Fatty Acids in a Fish Oil-Supplemented Bread Journal of the Science of Food and Agriculture, 92, v59, n4, p559

Microalgal Photosynthesis and Spectral Scalar Irradiance in Coastal Marine Sediments of Limfjorden, Denmark *Limnology and Oceanography*, June 92, v37, n4, p760

Nitrification in Sediment Cores Measured with Acetylene Inhibition *Limnology and Oceanography*, July 92, v37, n5, p1108

Lead in Household Dust Science of the Total Environment, 92, v114, p1

Polycyclic Aromatic Hydrocarbons in Air Samples of Meat Smokehouses Science of the Total Environment, Sep 92, v126, n1,2, p17

Atmospheric Deposition of Trace Elements Around Point Sources and Human Health Risk Assessment. I: Impact Zones Near a Source of Lead Emissions Science of the Total Environment, Sep 92, v126, n3, p243 A Complementary Tool to Water Quality Index: Fuzzy Clustering Analysis Water Resources Bulletin, May Jun

Water Resources Bulletin, May-June 92, v28, n3, p525

Treatment of High-Strength Monosodium Glutamate Wastewater with HYAN™ Technology, Air-Stripping and Nitrification "Proceedings of the 46th Industrial Waste Conference," 1991, p285

Colorado

The Relative Sensitivity of Competing Hydropsychid Species to Fluoride Toxicity in the Cache la Poudre River Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p107

Humic Substances and Trace Metals Associated with Fe and Al Oxides Deposited in an Acidic Mountain Stream Science of the Total Environment,

Colorado, Aspen

May 92, v117/118, p485

Lead, Cadmium, and Zinc Contamination of Aspen Garden Soils and Vegetation *Journal of Environmental Quality*, Jan-Mar 92, v21, n1, p82

Colorado, Brush Creek

A Puff Model Simulation of Tracer Concentrations in the Nocturnal Drainage Flow in a Deep Valley Atmospheric Environment, 92, v26A, n2, p299

Colorado, Colorado River

Managing Lower Colorado River Journal of Water Resources Planning and Management, May/June 92, v118, n3, p324

Colorado, Denver

Glyphosate Degradation by Immobilized Bacteria: Field Studies with Industrial Wastewater Effluent Applied and Environmental Microbiology, Apr 92, v58, n4, p1215

Colorado, Ft. Collins

Phosphorus Distribution in Calcareous Soil Profiles of the Central Plains Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p423

Colorado, Hayden

Evaluation of Phosphate Materials for Control of Acid Production in Pyritic Mine Overburden Journal of Environmental Quality, Oct-Dec 92, v21, n4, p627

Colorado, Lake Dillon

Nutrient Limitation of Bacterioplankton Growth in Lake Dillon, Colorado *Limnology and Oceanography*, Sep 92, v37, n6, p1179

Colorado, Leadville

Distribution and Partitioning of Trace Metals in Contaminated Soils Near Leadville, Colorado Journal of Environmental Quality, Apr-June 92, v21, n2, p185

Colorado, Niwot Ridge

Measurement of Sub-ppbv Concentrations of Aldehydes in a Forest Atmosphere Using a New HPLC Technique

Environmental Science and Technology, June 92, v26, n6, p1174

Colorado, Rocky Mountains

Volunteers Integral to Small System's Success

American Water Works Association Journal, May 92, v84, n5, p56

Colorado, Summit County

Sorption of Dissolved Organic Carbon by Hydrous Aluminum and Iron Oxides Occurring at the Confluence of Deer Creek with the Snake River, Summit County, Colorado

Environmental Science and Technology, July 92, v27, n7, p1388

Colorado, Winter Park

Maintenance Respiration and Stand Development in a Subalpine Lodgepole Pine Forest *Ecology*, Dec 92, v73, n6, p2100

Congo

Occurrence and Vapor Particle Partitioning of Heavy Organic Compounds in Ambient Air in Brazzaville, Congo Environmental Pollution, 92, v76, n2, p147

Connecticut, Connecticut River

Auditing a Flooded Quarry Prior to Marina Development Environmental Management, July/ Aug 92, v16, n4, p531

Connecticut, Hartford

Partitioning of Elements by Refuse Processing Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p725

Connecticut, Long Island Sound

Patterns of Metal Accumulation in Laminaria longicruris from Long Island Sound, Connecticut Archives of Environmental Contamination and Toxicology, Apr 92, v22, n3, p305

Connecticut, Milford

Aquaculture and Environmental Stewardship: Milford Shellfish Biology Seminar-1991 Environmental Management, July/ Aug 92, v16, n4, p521

Costa Rica

A Bite Is a Bite? Constraints on Response to Folivory in *Piper arieianum* (Piperaceae) *Ecology*, Feb 92, v73, n1, p143

Effects of a Severe Drought on the Population Biology of a Tropical Hummingbird *Ecology*, Aug 92, v73, n4, p1375

Consumer Behavior at Salad Bars in Costa Rica and Food Safety Concerns Journal of Environmental Health

Journal of Environmental Health, Sep/Oct 92, v55, n2, p12 Reproductive Status, Blood Chemistry, Gill Histology and Growth of Perch (*Perca fluviatilis*) in Three Acidic Lakes

Environmental Pollution, 92, v78, n1-3, p19

Factors Affecting Trace-Metal Bioaccumulation in Finnish Headwater Lakes

Environmental Pollution, 92, v78, n1-3, p87

Changes in the Density, Population Structure, Growth and Reproduction of Perch, *Perca fluviatilis* L in Two Acidic Forest Lakes in Southern Finland

Environmental Pollution, 92, v78, n1-3, p121

Experiences of Biological Iron and Manganese Removal in Finland Journal of the Institution of Water and Environmental Management, 92, v6, n3, p333

Total Dietary Fibre Contents in Vegetables, Fruits and Berries Consumed in Finland *Journal of the Science of Food and Agriculture*, 92, v59, n4, p545

The Isotopic Composition of Lead in Man and the Environment in Finland 1966-1987; Isotope Ratios of Lead as Indicators of Pollutant Source *Science of the Total Environment*, Mar 92, v113, n3, p229

Removal of Chlorophenols in a Municipal Sewage Treatment Plant Using Activated Sludge Water Research, June 92, v26, n6, p797

Effects of Lignin and Chlorolignin in Pulp Mill Effluents on the Binding and Bioavailability of Hydrophobic Organic Pollutants Water Research, Nov 92, v26, n11, p1523

Florida

Sorption and Leaching of Bromacil and Simazine in Florida Flatwoods Soils

Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p662

Evaluation of Solid Sorbents for the Recovery of Polyether Toxins (Brevetoxins) in Seawater Bulletin of Environmental Contamination and Toxicology, Oct 92, v49, n4, p479

Differential Leaching of Nutrient from Soluble vs. Controlled-Release Fertilizers

Environmental Management, Nov/ Dec 92, v16, n6, p769

Matrix Decision Procedure to Assess New Pesticides Based on Relative Groundwater Leaching Potential and Chronic Toxicity Environmental Toxicology and Chemistry, 92, v11, n5, p721

Cadmium Availability and Extractability from Sewage Sludge as Affected by Waste Phosphatic Clay *Journal of Environmental Quality*, Apr-June 92, v21, n2, p272

Potential Contamination of Groundwater From Cu, Pb, and Zn in Wet Detention Ponds Receiving Highway Runoff

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1033

Comparative Sampling Methods for Subtidal Epibenthic Gastropods Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p87

Rainfall Area Identification Using GOES Satellite Data Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p179

Agriculture and the Everglades Journal of Soil and Water Conservation, May-June 92, v47, n3, p207

Field Measurements of Dry Deposition Compounds Using the Transition Flow Reactor

Journal of the Air and Waste Management Association, Jan 92, v42, n1, p36

Patterns in Phytoplankton Community Structure in Florida Lakes Limnology and Oceanography, Jan 92, v37, n1, p155 Mineralization of Nitrogen and Phosphorus from Soil Organic Matter in Southern Pine Plantations Soil Science Society of America Journal, May-June 92, v56, n3, p921

Reduction of Root Competition Increases Growth of Slash Pine Seedlings on a Cutover Site in Florida Southern Journal of Applied Forestry, Nov 92, v16, n4, p193

Sorption and Desorption of Diuron and Norflurazon in Florida Citrus Soils

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p487

Florida Acidic Deposition Conference Overview Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p3

Atmospheric Deposition of Nitrate and its Transport to the Apalachicola Bay Estuary in Florida Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p23

Rainfall and Runoff Chemistry of Florida Pine Flatwoods Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p59

Florida, Broward County

Management of Medical Mercury Battery Wastes through Source Substitution "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p92

Florida, Central

Straight-Line Intercept Method in Aquifer Volume Calculations *Ground Water*, July-Aug 92, v30, n4, p569

Mineralization of Sediment Organic Matter Under Anoxic Conditions Journal of Environmental Quality, July-Sep 92, v21, n3, p394

Evapotranspiration from Florida Pondcypress Swamps Water Resources Bulletin, Mar-Apr 92, v28, n2, p299 The Export of Particulate Matter, Particulate Phosphorus and Dissolved Phosphorus from Two Agricultural River Basins: Implications on Estimating the Non-Point Phosphorus Load Water Research, Oct 92, v26, n10, p1347

Dominican Republic

A New Coccidian Parasite (Apicomplexa: Eimeriorina) from Anolis distichus (Sauria: {Polychridae), in the Dominican Republic Journal of Parasitology, Oct 92, v78, n5, p784

Ecuador

Two New Coccidian Parasites from the Slate-Colored Grosbeak (*Pitylus* grossus) of South America Journal of Parasitology, Oct 92, v78, n5, p805

Egypt

Heavy Metal and Selenium Levels in Young Cattle Egrets from Nesting Colonies in the Northeastern United States, Puerto Rico, and Egypt Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p435

Trihalomethanes in Chlorinated Drinking Water of Cairo, Egypt Bulletin of Environmental Contamination and Toxicology, Mar 92, v48, n3, p378

Residue Levels of Organochlorines and Mercury in Cattle Egret, Bubulcus ibis, Eggs from the Faiyum Oasis, Egypt Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p739

Trihalomethanes and Haolgenated Organic Formation in Water Treatment Plant Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p381

Desalination of Agricultural Drainage Water Desalination, Apr 92, v86, n1, p63 Tourism Development and Desalination Systems: Comparative Analysis of Systems' Suitability for Coastal Areas of the Red Sea and Gulf of Aqaba, Egypt Desalination, Sep 92, v87, n1-3, p161

Age-Specific Survival, Mortality and Reproduction and Prospects for Conservation of *Limonium* delicatulum Journal of Applied Ecology, 92, v29, n3, p549

Contamination of the Agricultural Land Due to Industrial Activities Southern of Greater Cairo Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n5, p1293

Pretreatments of Agroellulosic Waste for Microbial Biomass Production with a Defined Mixed Culture Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1643

Field-Measured Hydraulic Resistance Characteristics in Vegetation-Infested Canals

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p256

Alluvial Canals Adequacy Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p543

Flow Capacity Through Wide and Submerged Vegetal Channels Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v118, n5, p724

Including Uncertainty of Hydraulic Conductivity into Drainage Design *Journal of Irrigation and Drainage Engineering*, Sep/Oct 92, v118, n5, p744

Velocity Distribution Inside and Above Branched Flexible Roughness Journal of Irrigation and Drainage Engineering, Nov/Dec 92, v118, n6, p914

Anaerobic Composting with Methane Recovery from Agricultural and

Village Wastes "Proceedings of the 46th Industrial Waste Conference," 1991, p727

Faroe Islands

Impact of Maternal Seafood Diet on Fetal Exposure to Mercury, Selenium, and Lead Archives of Environmental Health, May/June 92, v47, n3, p185

Finland

Isolation and Characterization of a Variety of Microcystins from Seven Strains of the Cyanobacterial Genus Anabaena Applied and Environmental Microbiology, Aug 92, v58, n8, p2495

Soil Bacterial Biomass, Activity, Phospholipid Fatty Acid Pattern. amd pH Tolerance in an Area Polluted with Alkaline Dust Deposition Applied and Environmental Microbiology, Dec 92, v58, n12, p4026

Cancer Incidence Following Chlorophenol Exposure in a Community in Southern Finland Archives of Environmental Health, May/June 92, v47, n3, p167

Response of Epiphytic Microflora from *Pinus sylvestris* Needles to Alkaline Deposition Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p253

Chlorophenols in Lake Bottom Sediments: A Retrospective Study of Drinking Water Contamination Chemosphere, June 92, v24, n12, p1805

Piscivory and Recruitment: Mechanisms Structuring Prey Populations in Small Lakes *Ecology*, June 92, v73, n3, p951

Charge Density of Total Organic Carbon in Finnish Lakes Environmental Pollution, 92, v77, n2,3, p107

Critical Loads for Finnish Lakes: Comparison of Three Steady-State Models Environmental Pollution, 92, v77, n2,3, p185 Analysis of Ground-Water Flow and Injection Fluid Transport in the Floridan Aquifer near Pensacola, Florida *Ground Water*, May-June 92, v30, n3, p403

Florida, Sebastian Inlet

The Influence of Episodic Weather Events on Tidal Residual Currents: A Case Study at Sebastian Inlet, Florida Estuaries, June 92, v15, n2, p109

Florida, Southern

The American Alligator and Concern for Visitors at Brazos Bend State Park

Journal of Environmental Management, Aug 92, v35, n4, p261

Manatees and Tourism in Southern Florida: Opportunity or Threat? *Journal of Environmental Management*, Apr 92, v34, n4, p257

Sarcocystis falcatula of Oppossums: Transmission by Cockroaches with Fatal Pulmonary Disease in Psittacine Birds

Journal of Parasitology, Feb 92, v78, n1, p116

Phosphorus Limitation of Primary Production in Florida Bay: Evidence from C:N:P Ratios of the Dominant Seagrass *Thalassia testudinum Limnology and Oceanography*, Jan 92, v37, n1, p162

Florida, Tallahassee

Predation on Early Juvenile Spiny Lobsters *Panulirus argus* (Latreille): Influence of Size and Shelter *Journal of Experimental Marine Biology and Ecology*, 92, v157, n1, p3

Florida, Tyndall AFB

A Field Scale Investigation of Soil Venting Enhanced Petroleum Hydrocarbon Biodegradation in the Vadose-Zone at Tyndall AFB, Florida "Proceedings of the Symposium on Soil Venting," 1991, p293

Florida, Western

Nine Years of Reverse Osmosis Operation at Englewood *Desalination*, Sep 92, v87, n1-3, p193

France

Phaseolus vulgaris and Ozone: Results from Open-Top Chamber Experiments in France and England Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p31

From Conventional to Biological Removal of Iron and Manganese in France

American Water Works Association Journal, Apr 92, v84, n4, p158

Response of a Freshwater Bacterial Community to Mercury Contamination (HgCl₂ and CH₃HgCl) Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p439

Vertical Ozone Profiles in a Pine Forest Atmospheric Environment, 92, v26A, n5, p863

Elevated Levels of Organotins in Lake Geneva: Bivalves as Sentinel Organisms Bulletin of Environmental Contamination and Toxicology, Jan 92, v48,

n1, p37

Effect of the Dispersion of Oil in Freshwater Based on Time-Dependent *Daphnia magna* Toxicity Tests *Bulletin of Environmental Contamination and Toxicology*, Feb 92, v48, n2, p209

Effect of Rock Permeability on the Formation of Diagnostic Argillic and Fragipan Horizons

Canadian Journal of Soil Science,
Feb 92, v72, n1, p69

Landscapes and Environments on the Island of Ouessant, Brittany, France: From Traditional Maintenance to the Management of Abandoned Areas *Environmental Management*, Sept/Oct 92, v16, n5, p613

Patch Distribution of Interstitial Communities: Prevailing Factors

Freshwater Biology, Apr 92, v27, n2, p177

Relationships between Allozymic Heterozgosity, Body Size, and Survival to Natural Anoxic Stress in the Palourde Ruditapes decussatus L. (Bivalvia: Veneridae) Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p169

Pedal Function in Nassariid Gastropods: Crawling and Burrowing in Cylope neritea Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p211

Paris Improves Its Drinking Water Treatment Plants Journal of the Institution of Water and Environmental Management, Mar 92, p1

Complexation and Reduction of Uranium by Lignite Science of the Total Environment, May 92, v117/118, p425

Effects of Land-Use and Atmospheric Input on Stream and Soil Chemistry: Field Results and Long-Term Simulation at Mont-Lozere (Sevennes National Park, Southern France) Science of the Total Environment, 92, v119, p191

Assessment of the Movement of Triazole Fungicides by Soil Thin-Layer Chromatography *Science of the Total Environment*, 92, v123/124, p459

Atmospheric Fallout of Organochlorines and Heavy Metals on the Paris Area (France)

Science of the Total Environment,
Sep 92, v126, n1,2, p165

Hydrochemical Budgets of a Small Forested Granitic Catchment Exposed to Acid Deposition: The Strengbach Catchment Case Study Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p337

On the Use of Tree Leaves as Bioindicators of the Contamination of Air by Organochlorines in France Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p575 Treatment of Scallop Waste "Proceedings of the 46th Industrial Waste Conference," 1991, p429

Florida, Collier County

Use of Aquifer Storage and Recovery Technology to Improve Membrane Water Treatment Plant Efficiency, Collier County, Florida Desalination, Sep 92, v87, n1-3, p269

Florida, Daytona Beach

DBP Control by Nanofiltration: Cost and Performance *American Water Works Association Journal*, Dec 92, v84, n12, p104

Florida, East Central

Sulfide Variation in the Pore and Surface Waters of Artificial Salt-Marsh Ditches and a Natural Tidal Creek

Estuaries, Sep 92, v15, n3, p257

Precipitation Chemistry in East Central Florida from 1978 to 1987 Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p7

Florida, Everglades

Distribution of Soil and Plant Nutrients Along a Trophic Gradient in the Florida Everglades Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1492

Florida, Gainesville

Partitioning Variability of Soil Properties Affecting Solute Movement with Soil Taxonomy Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p207

Phosphorus, Nitrogen and Carbon Fractions in Litter and Soil of Southern Pine Plantations Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p566

Leaching of Inorganic Phosphorus from Litter of Southern Pine Plantations

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p573

Florida, Highlands County

Acidification of Lake Annie, Highlands County, Florida *Water, Air, and Soil Pollution*, Oct 92, v65, n1,2, p69

Florida, Indian River

Life Histories in an Epifaunal Community: Coupling of Adult and Larval Processes *Ecology*, Dec 92, v73, n6, p2244

Florida Keys

Nutrient Inputs from the Watershed and Coastal Eutrophication in the Florida Keys *Estuaries*, Dec 92, v15, n4, p465

Epibenthic Gastropods of the Middle Florida Keys: the Role of Habitat and Environmental Stress on Assemblage

Composition

Journal of Experimental Marine Biology and Ecology, 92, v160, n2, p169

Florida, Lake Apopka

Particulate Phosphorous removal via Weland Filtration: An Examination of Potential for Hypertrophic Lake Restoration

Environmental Management, Jan/Feb 92, v16, n1, p67

Florida, Lake Okeechobee

The Littoral Zone of Lake Okeechobee as a Source of Phosphorus after Drawdown Environmental Management, May/ June 92, v16, n3, p371

Florida, Marin County

Case Study: Marin County, Florida. A Utility's Experience Developing a New Reverse Osmosis-Treatment System

Desalination, Sep 92, v87, n1-3, p249

Florida, Miami

High Energy Electron Beam Irradiation: An Emerging Technology for the Destruction of Organic Contaminants in Water, Wastewater and Sludge

"Eighteenth Annual Risk Reduction

Engineering Laboratory Research Symposium," 1992, p28

Florida, North Central

Diatom Paleolimnological Evidence for Lake Acidification in the Trail Ridge Region of Florida *Water, Air, and Soil Pollution*, Oct 92, v65, n1,2, p43

Organic Priority Pollutants in Groundwater and Surface Water at Three Landfills in North Central Florida

Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p307

Florida, Northwestern

Camel Lake: A 40,000-Year Record of Vegetational and Forest History from Northwest Florida *Ecology*, June 92, v73, n3, p1056

Florida, Orlando

Hydrogeologic Factors Affecting New Sinkhole Development in the Orlando Area, Florida *Ground Water*, Nov-Dec 92, v30, n6, p918

Identifying "Worst Case" Persistence Factors for Carbon Monoxide Modeling Near Intersections in Orlando, Florida Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1461

Florida, Pasco County

Salt-Water Upcoming in an Aquifer Overlain by a Leaky Confining Bed *Ground Water*, Mar-Apr 92, v30, n2, p192

Florida, Pensacola

Methanogenic Biodegradation of Creosote Contaminants in Natural and Simulated Ground-Water Ecosystems Ground Water, Mar-Apr 92, v30, n2, p232 Dioxin and Furan (PCDD/PCDF) Levels in Human Blood and Human Milk of People Living in a PCDD/ PCDF Contaminated Area Chemosphere, Oct-Nov 92, v25, n7-10, p1135

Persistence of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans in Contaminated Soil at Maulach and Rastatt in Southwest Germany *Chemosphere*, Oct-Nov 92, v25, n7-10, p1449

Analysis of Sewage Sludge for Polyhalogenated Dibenzo-p-Dioxins, Dibenzofurans, and Diphenylethers *Chemosphere*, Oct-Nov 92, v25, n7-10, p1457

Temporal Variability of PCDD/F Concentrations in Sewage Sludge *Chemosphere*, Oct-Nov 92, v25, n7-10, p1463

Sources and Sinks of Dioxins: Germany *Chemosphere*, Oct-Nov 92, v25, n7-10, p1487

PCDD/F in Distillation Residues from Dry Cleaners *Chemosphere*, Oct-Nov 92, v25, n7-10, p1509

PCDDs, PCDFs, and Related Contaminants in the German Food Supply *Chemosphere*, Oct-Nov 92, v25, n7-10, p1539

German Drinking Water Regulations, Pesticides and Axiom of Concern Environmental Management, Jan/Feb 92, v16, n1, p21

Importance of Natural Soil Processes Relative to Atmospheric Deposition in the Mobility of Aluminium in Forested Watersheds of the Black Forest Environmental Pollution, 92, v77, n2,3, p99

Ecosystem Functioning in the German Bight Under Continental Nutrient Inputs by Rivers *Estuaries*, Dec 92, v15, n4, p477

Mortality of the Terrestrial Adult and Aquatic Nymphal Life Stages of Baetis vernus and Baetis rhodani in the Breitenbach, Germany (Insecta: Ephemeroptera *Freshwater Biology*, Oct 92, v28, n2, p249

Retention of Dissolved Organic Carbon and Sulfate in Aggregated Acid Forest Soils Journal of Environmental Quality, Oct-Dec 92, v21, n4, p643

Settlement and Recruitment of Mya arenaria L. in the Wadden Sea Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p203

Groundwater Management in the Urban Area of Hanover, Germany Journal of the Institution of Water and Environmental Management, 92, v6, n2, p199

Wellhead Protection Zones in Germany: Delineation, Research and Management Journal of the Institution of Water and Environmental Management, 92, v6, n3, p303

How the Wastewater Discharge Fee Might Become a Tool of River-Basin Management Journal of the Institution of Water and Environmental Management, Mar 92, p27

The Size Distribution of Plankton Biomass in a Large Lake and its Seasonal Variability Limnology and Oceanography, Sep 92, v37, n6, p1202

Spatial and Temporal Heterogeneity of *Daphnia* in Lake Constance; Intraand Interspecific Comparisons *Limnology and Oceanography*, Sep 92, v37, n6, p1327

Carbon and Nitrogen Sources of Planktonic Bacteria in Lake Constance Studied by the Composition and Isotope Dilution of Intracellular Amino Acids *Limnology and Oceanography*, Sep 92, v37, n7, p1496

Migration of Radiocesium in Two Forest Soils as Obtained from Field and Column Investigations Science of the Total Environment, 92, v116, n1,2, p93 Sources of Present Chernobyl-Derived Caesium Concentrations in Surface Air and Deposition Samples Science of the Total Environment, 92, v119, p231

Soil Contamination Beneath Asphalt Roads by Polynuclear Aromatic Hydrocarbons, Zinc, Lead, and Cadmium Science of the Total Environment, Sep 92, v126, n1,2, p49

Baseline Element Concentrations in Soils and Plants, Wattenmeer National Park, North and East Frisian Islands, Federal Republic of Germany Water, Air. and Soil Pollution, Jan 92, v61, n1,2, p169

Aluminum Precipitates from Groundwater of an Aquifer Affected by Acid Atmospheric Deposition in the Senne, Northern Germany Water, Air, and Soil Pollution, July 92, v63, n3,4, p411

The Potential Role of Temperate Forests as Sinks for CO₂-Examples from the German Environmental Policy against Global Warming *Water, Air, and Soil Pollution, Aug* 92, v64, n1,2, p197

Processes Affecting the Fate of Mercury in the Krka River Estuary Water Research, Sep 92, v26, n9, p1243

Reservoir Management Rules Derived with the Aid of Multiple Objective Decision Making Techniques Water Resources Bulletin, Jan-Feb 92, v28, n1, p211

Performance Characteristics of Vapor Extraction Systems Operated in Europe "Proceedings of the Symposium on Soil Venting," 1991, p193

Vacuum-Vaporizer-Wells (UVB) for In Situ Remediation of Volatile and Strippable Contaminants in the Unsaturated and Saturated Zone "Proceedings of the Symposium on Soil Venting," 1991, p203 The Chlorine Demand of a Treated Water Water Research, Aug 92, v26, n8,

water Research, Aug 92, v26, n8 p1073

Enzymatic Release of Phosphate in Sediments of Various Origins Water Research, Sep 92, v26, n9, p1195

Variability of Dissolved Mn and Zn in the Seine Estuary and Chemical Speciation of these Metals in Suspended Matter *Water Research*, Oct 92, v26, n10, p1359

Toxicity of Walnut Husk Washing Waters Water Research, Nov 92, v26, n11,

Removal of Biodegradable Dissolved Organic Carbon in a Water Treatment Plant

Water Research, Dec 92, v26, n12, p1673

Galapagos Islands

Demography and the Genetically Effective Sizes of Two Populations of Darwin's Finches Ecology, June 92, v73, n3, p766

Georgia

p1503

Population Responses of the Freshwater Amphipod Crustacean *Gammarus pulex* (L.) to Copper *Freshwater Biology*, Aug 92, v28, n1, p29

The Topographic Approach to Locating High-Yield Wells in Crystalline Rocks: Does It Work? *Ground Water*, Jan-Feb 92, v30, n1, p96

Groundwater Nitrate and Denitrification in a Coastal Plain Riparian Forest

Journal of Environmental Quality, July-Sep 92, v21, n3, p401

Georgia, Altamaha River

A Comparison of Ecosystem Dynamics in Freshwater Wetlands *Estuaries*, Dec 92, v15, n4, p549

Georgia, Central

Vertical Distributions of COS, CS₂, DMS and Other Sulphur Compounds in a Loblolly Pine Forest *Atmospheric Environment*, 92, v26A, n11, p2031

Georgia, Marietta

Evaluation of Emulsion Cleaners at Air Force Plant Number 6 "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p50

Georgia, Ogeechee River

Fluxes of Bacteria and Organic Matter into a Blackwater River from River Sediments and Floodplain Soils Freshwater Biology, Aug 92, v28, n1, p37

Georgia, Piedmont

Cropping System and Consolidation Effects on Rill Erosion in the Georgia Piedmont

Soil Science Society of America Journal, July/Aug 92, v56, n4, p1238

Fourth-Year Response of Loblolly Pine Following Chemical and Mechanical Site Preparation in the Georgia Piedmont Southern Journal of Applied Forestry, May 92, v16, n2, p99

Georgia, Savannah

Effects of Coal Fly Ash-Amended Composts on the Yield and Elemental Uptake by Plants

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1127

Georgia, Warner Robins

Solification/Stabilization of High Level Inorganic and Organic Soils at Robins Air Force Base "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p1

Germany

Survival and Function of a Genetically Engineered Pseudomonad in

Aquatic Sediment Microcosms Applied and Environmental Microbiology, Apr 92, v58, n4, p1259

Rapid Determination of Members of the Family Enterobacteriaceae in Drinking Water by an Immunological Assay Using a Monoclonal Antibody Against Enterobacterial Common Antigen

Applied and Environmental Microbiology, Sep 92, v58, n9, p3187

Organochlorine Pesticides, Octachlorostyrene, and Mercury in the Blood of Elb River Residents, Germany

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p14

Performance of a Mobile Aerosol Spectrometer for an *In Situ* Characterization of Environmental Aerosols in Frankfurt City *Atmospheric Environment*, 92, v26A, n13, p2451

A Cohort Study on Persons Exposed to Phenoxy Acid Herbicides and their Contaminants in Germany-Design and First Results *Chemosphere*, Oct-Nov 92, v25, n7-10, p1007

Dependence of PCDD and PCDF Levels in Human MIlk on Various Parameters in Germany II Chemosphere, Oct-Nov 92, v25, n7-10, p1015

Quantification of Exposure to Dioxins and Furans in a Cohort of Workers of a Herbicide Producing Plant in Hamburg, FRG Chemosphere, Oct-Nov 92, v25, n7-10, p1021

PCDDs and PCDFs in Human Milk-Statistical Evaluation of a 6-Years Survey *Chemosphere*, Oct-Nov 92, v25, n7-10, p1029

Survey of Dairy Products for PCDDs, PCDFs, PCBs and HCB *Chemosphere*, Oct-Nov 92, v25, n7-10, p1039

Cadmium Concentrations in Plants and Goats Tissues from Various Areas of Chalkidiki, Greece Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p515

Seasonal Fluctuations of Organochlorine Compounds in the Water of the Strimon River (N. Grece) Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p375

Primary Sector and Environment in the Aegean Islands, Greece Environmental Management, Sept/ Oct 92, v16, n5, p569

Study of Heavy Metal Pollution in the Waters of Axios and Aliakmon Rivers in Northern Greece Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p587

Lead Concentrations in Plants and Animal Tissues Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1453

Natural Zeolites and Their Ion Exchange Behavior Towards Chromium

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1759

Treatment and Disposal Scheme for the Sewage of Athens Journal of the Institution of Water and Environmental Management, Mar 92, p20

Herbicide Losses in Runoff from the Agricultural Area of Thessaloniki in Thermaikos Gulf, N. Greece Science of the Total Environment, 92, v114, p59

The Corrosion of Pentelic Marble by the Dry Deposition of Nitrates and Sulphates Science of the Total Environment, June 92, v120, n3, p213

Wastewater from the Preparation of Table Olives

Water Research, May 92, v26, n5, p629

Greenland

A Comparison of Major Chemical Species Seasonal Concentration and Accumulation at the South Pole and Summit, Greenland Atmospheric Environment, 92, v26A, n11, p2045

Variation of Rock-Forming Metals in Sub-Annual Increments of Modern Greenland Snow

Atmospheric Environment, 92, v26A, n13, p2283

Changing Sources of Impurities to the Greenland Ice Sheet Over the Last 250 Years

Atmospheric Environment, 92, v26A, n14, p2627

Guyana

Water-Balance Model of Two Conservancies in Guyana Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p513

Hawaii

Detection of the Light Organ Symbiont, Vibrio fischeri, in Hawaiian Seawater by Using lux Gene Probes Applied and Environmental Microbiology, Mar 92, v58, n3, p942

Radon at the Mauna Loa Observatory: Transport from Distant Continents

Atmospheric Environment, 92, v26A, n2, p251

Developmental Stages of *Paralebion elongatus* from Aquairium-Held Reef Whitetip Sharks (*Triaenodon obesus*) Captured in Hawaiian Waters *Journal of Parasitology*, Dec 92, v78, n6, p1027

Solution Sulfate Chemistry in Three Sulfur-Retentive Hydrandepts Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p89

Hawaii, Honolulu

Selection and Full-Scale Use of a Chelated Iron Absorbent for Odor Control Water Environment Research, 92, v64, n2, p120

Hawaii, Maui

Pesticides in Marine Sediments Associated with Golf Course Runoff Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p179

Hawaii, Mauna Loa

Projecting Future Concentrations of Atmospheric CO₂ with Global Carbon Cycle Models: The Importance of Simulating Historical Changes *Environmental Management*, Jan/Feb 92, v16, n1, p91

Hawaii, Northwestern

Evaluation of Rectangular and Circular Escape Vents in the Northwestern Hawaiian Islands Lobster Fishery North American Journal of Fisheries

North American Journal of Fisheries Management, Winter 92, v12, n1, p161

Hawaii, Oahu

Larval Settlement Patterns and Preferences by Domino Damselfish Dascyllys albisella Gill Journal of Experimental Marine Biology and Ecology, 92, v155, n1, p85

Hong Kong

Comparison of Trace Metal Contents of Sediments and Mussels Collected Within and Outside Tolo Harbour, Hong Kong Environmental Management, Nov/ Dec 92, v16, n6, p743

Trace Metal Contents of the Pacific Oyster (*Crassostrea gigas*) Purchased from Markets in Hong Kong *Environmental Management*, Nov/Dec 92, v16, n6, p753

Comparative Studies of Water Quality in Two Brackish Ponds for Shrimp Cultivation in a Salt Marsh Environmental Pollution, 92, v77, n1, p87

Ghana

Malt Characteristics of Sorghym Vulgare Varieties from Ghana *Journal of the Science of Food and Agriculture*, 92, v59, n4, p457

Micromorphology and Mineralogy of Cracking Soils from the Accra Plains of Ghana

Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p187

Trace Metal Concentrations in the Pink Shrimp Penaeus Notialis from the Coast of Ghana Water, Air, and Soil Pollution, July 92, v63, n3,4, p273

Great Lakes

Historical Changes in Serum PCB and DDT Levels in an Environmentally-Exposed Cohort Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p362

Precipitation Scavenging of Polychlorinated Biphenyl Congeners in the Great Lakes Region *Atmospheric Environment*, 92, v26A, n5, p883

Temporal Distribution and Fractionation of Polychlorinated Biphenyl Congeners in a Contaminated Wisconsin Lake *Chemosphere*, June 92, v24, n12, p1921

Application of Pattern Recognition Techniques to Assessment of Biomagnification and Sources of Polychlorinated Multicomponent Pollutants, Such as PCBs PCDDs and PCDFs

Chemosphere, July 92, v25, n1,2, p129

Foodchain Accumulation of PCDD and PCDF Isomers in the Great Lakes Aquatic Community *Chemosphere*, July 92, v25, n1,2, p181

Investigations into the Effects of PCB Congeners on Reproduction in Lake Trout from the Great Lakes *Chemosphere*, July 92, v25, n1,2, p189

Foodchain Accumulation of PCDD and PCDF Isomers in the Great Lakes Aquatic Community *Chemosphere*, Oct-Nov 92, v25, n7-10, p1559

Retinoids: from Metabolism to Environmental Monitoring *Chemosphere*, Dec 92, v25, n11, p1733

Exploring the Effects of Multiple Management Objectives and Exotic Species on Great Lakes Food Webs and Contaminant Dynamics *Environmental Management*, Mar/Apr 92, v16, n2, p225

Embryonic Abnormalities and Organochlorine Contamination in Double-Crested Cormorants (*Phalacrocorax auritus*) and Caspian Terns (*Hydroprogne caspia*) from the Upper Great Lakes *Environmental Pollution*, 92, v79, n2, p163

Deposition of S and NO_x Nitrogen to the Great Lakes Estimated with a Regional Deposition Model Environmental Science and Technology, May 92, v26, n5, p970

Fate and Transport of Detroit River Derived Pollutants Throughout Lake Erie

Environmental Science and Technology, July 92, v26, n7, p1333

Polychlorinated Biphenyl Residues and Egg Mortality in Double-Crested Cormorants from the Great Lakes Environmental Toxicology and Chemistry, 92, v11, n9, p1281

Investigation of Zebra Mussel Adhesion Strength Using Rotating Disks

Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p708

Ion Leaching in Forest Ecosystems Along a Great Lakes Air Pollution Gradient

Journal of Environmental Quality, Oct-Dec 92, v21, n4, p614

Airborne Lidar Mapping of Ozone Concentrations During the Lake Michigan Ozone Study Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1313

Lipids and Life-Cycle Strategy of a Hypolimnetic Copepod in Lake Michigan Limnology and Oceanography, Mar 92, v37, n2, p413

Sedimentary Furrows and Organized Flow Structure: A Study in Lake Superior *Limnology and Oceanography*, June 92, v37, n4, p797

Growth and Production of Planktonic Protozoa in Lake Michigan: In Situ Versus in Vitro Comparisons and Importance to Food Web Dynamics *Limnology and Oceanography*, Sep 92, v37, n6, p1221

Sediment Resuspension in Lake St. Clair Limnology and Oceanography, Dec 92, v37, n8, p1720

The Role of Gas Ebullition in the Transport of Organic Contaminants from Sediments

Science of the Total Environment,
Mar 92, v112, n2,3, p189

Contamination of Green Bay Water With Lead and Cadmium by a 37-m Long, 2-m Draft Research Vessel Science of the Total Environment, 92, v125, p405

Multiplicative, Seasonal ARIMA Models for Lake Erie and Lake Ontario Water Levels Water Resources Bulletin, Mar-Apr 92, v28, n2, p385

Greece

Has Inadvertent Selection by Plant Breeders Affected the O₃ Sensitivity of Modern Greek Cultivars of Spring Wheat

Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p79

Effects of Air Pollution on *Pinus halepensis* (Mill.): Pollution Levels in Attica, Greece *Atmospheric Environment*, Feb 92, v26A, n3, p373

Illinois, Northern

FOCUS; Frequency Domain Electromagnetic Induction Sounding Surveys for Landfill Site Characterization Studies

Ground Water Monitoring Review, Fall 92, v12, n4, p103

Illinois, Southern

Potentiometric and Aquifer Property Changes Above Subsiding Longwall Mine Panels, Iilinois Basin Coalfield Ground Water, May-June 92, v30, n3, p362

Illinois, Urbana

Pool Size and Mean Age of Stable Soil Organic Carbon in Cropland Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p460

India

Weed Benefits and Costs in Rice and Wheat Production in India Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p235

Weed Population Dynamics Under 'Jhum' (Slash and Burn Agriculture) and Terrace Cultivation in Northeast India

Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p285

Reassessment of the Prevalence of Heat-Stable Enterotoxin (NAG-ST) among Environmental Vibrio cholerae Non-O1 Strains Isolated from Calcutta India, by Using a NAG-ST DNA Probe Applied and Environmental Microbiology, Aug 92, v58, n8, p2485

Monitoring and Assessment of Mercury Pollution in the Vicinity of a Chloralkali Plant IV. Bioconcentration of Mercury in *In* Situ Aquatic and Terrestrial Plants at Ganjam, India Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p195

Characteristic Trend of Persistent Organochlorine Contamination in Wildlife from a Tropical Agricultural Watershed, South India Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p26

A Study on Cancer Mortality in Tarapur-Based Atomic Energy Community Archives of Environmental Health, Mar/Apr 92, v47, n2, p155

Patterns of Daily Exposure to TSP and CO in the Garhwal Himalaya *Atmospheric Environment*, 92, v26A, n11, p2125

Estrogenic Effects of Aldrin and Quinalphos in Rats Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p125

HCH, Endosulfan, and Fluvalinate Residue Behavior in Pigeonpea (Cajanus cajan L. Millsp) Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p163

Performance of Vicia faba Plants in Relation to Simulated Acid Rain and/ or Endosulphan Treatment Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p243

Effect of Selected Textile Dyes on the Survival, Morphology, and Burrowing Behavior of the Earthworm *Polypheretima elongata* Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p249

Dehydrochlorination of d-Isomer of Hexachlorocyclohexane by Soil Bacterium, *Pseudomonas* sp. *Bulletin of Environmental Contamination and Toxicology*, Feb 92, v48, n2, p265

Influence of Soil Moisture and Microbial Activity on Pendimethalin Degradation Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p269

Biological Monitoring of Chlorinated Pesticides Among Exposed Workers of Mango Orchards: A Case Study in Tropical Climate Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p295

Levels of Organochlorine Insecticides in Human Blood from Ahmedabad (Rural) India Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p302

Tooth Lead Concentration as an Indicator for Environmental Lead Pollution in Agra City, India Bulletin of Environmental Contamination and Toxicology, Mar 92, v48, n3, p334

Rainfall and Grazing Effects on Net Primary Productivity in a Tropical Savanna, India Ecology, Dec 92, v73, n6, p2007

Energetics and Environmental Costs of Agriculture in a Dry Tropical Region of India Environmental Management, July/Aug 92, v16, n4, p495

Conservation Efficiency of Five Common Riparian Weeds in Movement of Soil, Water and Phosphorus Journal of Applied Ecology, 92, v29, n3, p737

Nitrogen Conservation Efficiency of Five Common Riparian Weeds in a Runoff Experiment on Slopes *Journal of Environmental Management*, Jan 92, v34, n1, p47

Environmental Impact Analysis of a Coalfield Journal of Environmental Management, Feb 92, v34, n2, p79

Influence of Microsites on Redevelopment of Vegetation on Coalmine Spoils in a Dry Tropical Environment *Journal of Environmental Management*, Oct 92, v36, n2, p95

Influence of the Cropping Pattern on Aflatoxin Contamination in Preharvest *Kharif* (Monsoon) Maize Crop (*Zea mays*)

Journal of the Science of Food and Agriculture, 92, v58, n1, p101

An Experimental Study of the Influence of Periphytic Algae on Invertebrate Abundance in a Hong Kong Stream *Freshwater Biology*, Feb 92, v27, n1, p53

Evaluating Alternative Environmental Control Measures: The Case of Industrial Sulfur Dioxide in Hong Kong

Journal of Environmental Management, July 92, v35, n3, p229

Water Treatment - An Updated Hong Kong Experience Journal of the Institution of Water and Environmental Management, 92, v6, n3, p278

Heavy Metal Pollution Profiles of Dated Sediment Cores from Hebe Haven, Hong Kong Water Research, Dec 92, v26, n12, p1605

Hungary

Analysis of a Karstic Aquifer Management Problem by Fuzzy Composite Programming Water Resources Bulletin, Jan-Feb 92, v28, n1, p63

Iceland

Humic Substances and Some Microbial Analogs from Two Thermal Sites in Iceland *Science of the Total Environment*, May 92, v117/118, p227

Idaho

Modeling the Response of Native Steelhead to Hatchery Supplementation Programs in an Idaho River North American Journal of Fisheries Management, Winter 92, v12, n1, p62

Application of Computer Simulation Models to the Design of a Large-Scale Soil Venting Systems and Bioremediation "Proceedings of the Symposium on Soil Venting," May 91, p91

Idaho, Boise

Quantification of Nitro- and Hydroxylated Nitro-Aromatic/ Polyhcyclic Aromatic Hydrocarbons in Selected Ambient Air Daytime Winter Samples Atmospheric Environment, 92, v26A, n11, p2077

Apportionment of Residential Indoor Aerosol, VOC and Aldehyde Species to Indoor and Outdoor Sources, and Their Source Strengths *Atmospheric Environment*, 92, v26A, n12, p2179

Effects of Operating Variables on PAH Emissions and Mutagenicity of Emissions from Woodstoves Journal of the Air and Waste Management Association, May 92, v42, n5, p691

Idaho, Lower Salmon River

Using an Agency-Outfitter Partnership to Provide Information Services: an Evaluation on the Lower Salmon River in Idaho Journal of Environmental Management, Sep 92, v36, n1, p55

Idaho, Northern

Patterns of Periphyton Chlorophyll a in an Agricultural Nonpoint Source Impacted Stream Water Resources Bulletin, July-Aug 92, v28, n4, p731

Idaho, Stanley Basin

Description and Pathology of *Neoechinorhynchus idahoensis* N. Sp. (Acanthocephala: Neoechinorhynchidae) in *Catostomus columbianus* from Idaho *Journal of Parasitology*, Feb 92, v78, n1, p34

Idaho, Twin Falls County

Water Quality Problem Identification in Rock Creek, Idaho: Evolution of a Monitoring Project "Seminar Publication—Nonpoint Source Watershed Workshop,"1991, p6

Illinois

Why Recycle? A Comparison of Recycling Motivations in Four Communities Environmental Management, Nov/ Dec 92, v16, n6, p785 Toxic Volatile Organic Compounds in Urban Air in Illinois Environmental Science and Technology, Jan 92, v26, n1, p165

Extractable Rubidium in Surface Horizons of Illinois Soils Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1453

Illinois, Argonne

Development and Pilot Demonstration Program of a Waste Minimization Plan at Argonne National Laboratory "Proceedings of the 46th Industrial Waste Conference," 1991, p833

Illinois, Cache River

A Comparison of Ecosystem Dynamics in Freshwater Wetlands Estuaries, Dec 92, v15, n4, p549

Illinois, Central

Application of Ultrafiltration for the Treatment of Landfill Leachate "Proceedings of the 46th Industrial Waste Conference," 1991, p583

Illinois, Chicago

An Improved Method for Predicting Seasonal and Annual Shadowing From Cooling Tower Plumes Atmospheric Environment, 92, v26A, n15, p2845

Illinois, Illinois River

Geochemical Characterization of Streambed Sediment in the Upper Illinois River Basin Water Resources Bulletin, Sep/Oct 92, v28, n5, p933

Illinois, Northeastern

Developing Urban Nonpoint Source Management Plans in Northeastern Illinois "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p50

Israel

A Synoptic Analysis of the Meteorological Conditions Affecting Dispersion of Pollutants Emitted from Tall Stacks in the Coastal Plain of Israel *Atmospheric Environment*, 92, v26A, n14, p2537

The Application of Solar Energy for Large-Scale Seawater Desalination *Desalination*, Dec 92, v89, n2, p115

Simultaneous Patterns of Temperature, Oxygen, Zooplankton and Fish Distribution in Lake Kinneret, Israel *Freshwater Biology*, Dec 92, v28, n3, p337

Characterization of a Desert Aquitard-Hydrologic and Hydrochemical Considerations *Ground Water*, July-Aug 92, v30, n4, p598

Distribution and Survival of Nonionic Surfactants in the Surface, Sea and Groundwater of Israel Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1521

Delayed Health Sequelae of Accidental Exposure to Bromine Gas *Journal of Toxicology and Environmental Health*, 92, v36, n3, p273

Chemistry and Granulometry of Settled Dust in the Northern Negev Desert, Israel Science of the Total Environment, Sep 92, v126, n3, p231

Indicator Bacteria for Fecal Pollution in the Littoral Zone of Lake Kinneret *Water Research*, Nov 92, v26, n11, p1457

Environmental Solutions Based on Recycling of Water, Oil and Sludge at an Integrated Oil Refinery "Proceedings of the 46th Industrial Waste Conference," 1991, p211

italy

Effects of Regional Air Pollution on Crops in Italy Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p51 High Prevalence of Sick Building Syndrome in a New Air-Conditioned Building in Italy

Archives of Environmental Health, Jan/Feb 92, v47, n1, p16

Effects of the Home Environment on Respiratory Symptoms of a General Population Sample in Middle Italy Archives of Environmental Health, Jan/Feb 92, v47, n1, p64

Source Profiles by Unique Ratios (SPUR) Analysis: Determination of Source Profiles form Receptor-Site Streaker Samples

Atmospheric Environment, 92, v26A, n2, p333

Mercury Emissions into the Atmosphere from a Chlor-Alkali Complex Measured with the Lidar Technique *Atmospheric Environment*, 92, v26A, n7, p1253

Speciation of Ammonium-Containing Species in Atmospheric Aerosols Atmospheric Environment, 92, v26A, n11, p1995

Polycyclic Aromatic Hydrocarbons in Olive Fruits as a Measure of Air Pollution in the Valley of Florence (Italy)

Bulletin of Environmental Contamination and Toxicology, June 92, v48, n6, p809

Mining Area Environmental Mercury Assessment Using Abies alba Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p31

Polycyclic Aromatic Hydrocarbons in Surface Waters of Alessandria District, South Eastern Piedmont (Italy)

Bulletin of Environmental Contamination and Toxicology, Oct 92, v49, n4, p555

The Accumulation of Lead in Agricultural Soil and Vegetation Along a Highway Chemosphere, Apr 92, v24, n7, p941

Cancer Morbidity in the Seveso Area, 19076-1986 *Chemosphere*, July 92, v25, n1,2, p209

Characterization of Organic and Inorganic Pollutants in the Adige River (Italy)

Chemosphere, Dec 92, v25, n11, p1665

Data Search and Environmental Hazard Assessment for Post-Seveso Chemicals Environmental Management, May/ June 92, v16, n3, p317

Multicriteria Analysis as a Tool to Investigate Compatibility between Conservation and Development on Salina Island, Aeolian Archipelago, Italy

Environmental Management, Sept/ Oct 92, v16, n5, p633

Macroalgae, Nutrient Cycles, and Pollutants in the Lagoon of Venice *Estuaries*, Dec 92, v15, n4, p517

Heavy Metals in Soils Near a Steel-Making Industry: A Case Study in a Complex Valley Situation in Italy Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2019

Aspects of Eutrophication in the Venice Lagoon Journal of the Institution of Water and Environmental Management, Mar 92, p62

Chemical and Spectroscopic Properties of Two Fractions of Soil Organic Matter Obtained by Electro-Ultrafiltration

Science of the Total Environment, 92, v114, p37

Sources and Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Two Italian Towns (Genoa and La Spezia) Science of the Total Environment, 92, v114, p47

Geographical and Temporal Patterns of Air-Borne and Personal 1,1,1, - Trichloroethane Exposure in Piedmont Region Italy

Science of the Total Environment, 92, v116, n3, p261

Effect of Processing Conditions on the Oxidation of Cholesterol in Ghee Journal of the Science of Food and Agriculture, 92, v58, n2, p267

Chemical Composition and Protein Quality of Newly Released Groundnut (Arachis hypogaea L) Cultivars Journal of the Science of Food and Agriculture, 92, v59, n2, p161

Epicatechin Derivatives and Fatty Acid Composition of a Traditional Product Made in Sikkim from Leaves of *Camellia sinensis* Journal of the Science of Food and Agriculture, 92, v60, n2, p271

Quasi-Three-Dimensional Optimization Model of Jakarta Basin Journal of Water Resources Planning and Management, Jan/Feb 92, v118, n1, p18

Irrigation and Drainage-Systems Policy Analysis and India Case Study Journal of Water Resources Planning and Management, July/Aug 92, v118, n4, p445

Trace Elements in Scalp Hair of Manufacturers of Fireworks from Sivakasi, Tamil Nadu Science of the Total Environment, 92, v114, p161

DDT and HCH Residues in Indoor Air Arising from Their Use in Malaria Control Programmes Science of the Total Environment, 92, v116, n1,2, p83

Estimation of Ventilation Rates in Dwellings *Science of the Total Environment*, 92, v121, p67

Trends in Ambient Levels of DDT and HCH Residues in Humans and the Environment of Delhi, India *Science of the Total Environment*, 92, v121, p145

Solar UV Irradiance and Some Biological Consequences: Bombay, India Science of the Total Environment, 92, v121, p195

Environmental Factors Affecting the Bioavailability and Toxicity of Cd and Zn to an Anaerobic Bacterium Desulfovibrio Science of the Total Environment, 92, v125, p123

Absorption and Toxicity of Chromium and Cadmium in Limnanthemum cristatum Griseb. Science of the Total Environment, 92, v125, p175

Mobile and Bound Forms of Trace Metals in Sediments of the Lower Ganges Water Research, Nov 92, v26, n11, p1541

Indiana

Modeling Regional Ground-Water Flow in Fulton County, Indiana: Using the Analytic Element Method Ground Water, Sep-Oct 92, v30, n5, p660

Daphnia galeata mendotae as a Cryptic Species Complex with Interspecific Hybrids Limnology and Oceanography, May 92, v37, n3, p658

Quantity-Intensity Relationships of Soil Ammonia in Long-Term Rotation Plots Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p494

Indiana, Columbus

Reducing Chemical and Sludge Costs for an Oily Wastewater Treatment System

"Proceedings of the 46th Industrial Waste Conference," 1991, p23

Indonesia

The Susceptibility of the Indonesian I/CDC Strain of *Plasmodium vivax* to Chloroquine *Journal of Parasitology*, Apr 92, v78, n2, p344

Tikusnema javaense N. Gen., N. Sp. (Nematoda: Acuarioidea) and Other Nematodes from Rattus agentiventer Collected in West Java, Indonesia Journal of Parasitology, Oct 92, v78, n5, p800

On-Site Diagnosis of *Plasmodium* falciparum, *P. vivax*, and *P. malariae* by Using the Quantitative Buffy Coat

System *Journal of Parasitology*, Dec 92, v78, n6, p994

lowa

Results of Two Pumping Tests in Wisconsin Age Weathered Till in Iowa Ground Water, July-Aug 92, v30, n4, p529

Pesticides in Iowa Precipitation Journal of Environmental Quality, July-Sep 92, v21, n3, p486

Anaerobic Sequencing Batch Reactor Treatment of Swine Wastes "Proceedings of the 46th Industrial Waste Conference," 1991, p751

Iowa, Amana

Fate of Alachlor and Atrazine in a Riparian Zone Field Site Water Environment Research, 92, v64, n3, p274

Iowa, Boone County

Alternative Farming System Effects on Profile Nitrogen Concentrations on Two Iowa Farms Soil Science Society of America Journal, July/Aug 92, v56, n4, p1249

Iowa, Cedar River

Herbicide Transport in Rivers: Importance of Hydrology and Geochemistry in Nonpoint-Source Contamination Environmental Science and Technology, Mar 92, v26, n3, p538

Iraq

Photochemically Assisted Solar Desalination of Saline Water Desalination, Aug 92, v86, n3, p317

Water Hygiene of Swimming Pools in Mosul City, Iraq Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27. n4, p1021

Interactions of Plant Zinc and Plant Species on the Bioavailability of Plant Cadmium to Japanese Quail Fed Lettuce and Spinach Environmental Research, Feb 92, v57, n1, p73

Seasonal Variations and Modes of Riverine Input of Organic Pollutants to the Coastal Zone: 1. Flux of Detergent-Derived Pollutants to Tokyo Bay

Environmental Science and Technology, Dec 92, v26, n12, p2517

Effect of Seeding on Thermophilic Composting of Tofu Refuse *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p715

Growth and Reproduction of the Epifaunal Amphipod *Caprella okadai* Arimoto (Crustacea: Amphipoda: Caprellidea)

Journal of Experimental Marine

Journal of Experimental Marine Biology and Ecology, 92, v161, n2, p201

Diel Variation of Water-Extractable Carbohydrate Composition of Natural Phytoplankton Populations in Kinuura Bay

Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p159

Five Confirmed Human Cases of Gnathostomiasis Nipponica Recently Found in Northern Japan Journal of Parasitology, Dec 92, v78, n6, p1006

Hot-Water Supply System Utilizing Waste Heat from a Sludge Incineration Plant

Journal of the Institution of Water and Environmental Management, 92, v6, n5, p560

Japanese Sewage Sludge Treatment, Utilization and Disposal Journal of the Institution of Water and Environmental Management, 92, v6, n5, p628

Thermal Treatment and Ultimate Disposal of Sewage Sludge in Japan Journal of the Institution of Water and Environmental Management, 92, v6, n6, p653 Antimutagenicity and Mutagen-Binding Activation of Mutagenic Pyrolyzates by Microorganisms Isolated from Japanese Miso *Journal of the Science of Food and Agriculture*, 92, v58, n3, p395

Chemical, Isotopic, Spectroscopic and Geochemical Aspects of Natural and Synthetic Humic Substances *Science of the Total Environment*, May 92, v117/118, p1

Chrysotalunin, a Most Prominent Soil Antraquinone Pigment in Japanese Soils

Science of the Total Environment, May 92, v117/118, p219

A Study of the Formation Mechanism of Sedimentary Humic Substances. III. Evidence for the Protein-Based Melanoidin Model *Science of the Total Environment*, May 92, v117/118, p279

Environmental Changes Clarified by Humus Properties of Volcanic Ash Soils and Their Shift of Zonal Distribution Science of the Total Environment, May 92, v117/118, p293

Trace Metals in Humic Substances of Coastal Sediments of the Seto Inland Sea, Japan

Science of the Total Environment, May 92, v117/118, p325

Possible Complexation of Uranium with Dissolved Humic Substances in Pore Water of Marine Sediments Science of the Total Environment, May 92, v117/118, p439

Reduced Dietary Cadmium Intake in Past 12 Years in a Rural Area in Japan

Science of the Total Environment, 92, v119, p43

Trace Metal Contamination in Tokyo Bay, Japan Science of the Total Environment, 92, v125, p373

Studies on the Sorption of I (Iodide) and IO₃ (Iodate) onto Andosols *Water, Air, and Soil Pollution*, July 92, v63, n3,4, p321

Population Dynamics of Attached Bacteria in a Mesotrophic Swampy Bog of Japan Water, Air, and Soil Pollution, July 92, v63, n3,4, p371

Environmental Factors Controlling the Population Growth Rate of the Bacterial Community in Matsumi-lke Bog Water, Air, and Soil Pollution, July

Water, Air, and Soil Pollution, July 92, v63, n3,4, p379

Growth and Grazed Rates of Bacterial Communities in a Bog as Determined by the Dilution Method Using a Continuous Culture System *Water, Air, and Soil Pollution,* Nov 92, v65, n3,4, p323

Enteric Virus Levels in River Water Water Research, Jan 92, v26, n1, p45

Study of Changes in Concentration During Penetration Through the Soil Layers by Means of Co-Relationship Water Research, Feb 92, v26, n2, p185

Jordan

Organochlorine Pesticide Contaminations in Human Milk Samples from Women Living in Amman, Jordan Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p235

Air Pollution Monitoring in Amman, Jordan

Journal of the Air and Waste Management Association, June 92, v42, n6, p814

Kansas

Dry-Soil Aggregate Stability as Influenced by Selected Soil Properties

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p557

Partitioning Dissolved Inorganic and Organic Phosphorus Using Acidified Molybdate and Isobutanol Soil Science Society of America Journal, May-June 92, v56, n3, p762 Evaluation of Heavy Metal Pollution in the Venetian Lagoon by Using Mytilus galloprovincialis as Biological Indicator Science of the Total Environment, 92, v119, p29

Heavy Metals and Selenium in Stranded Dolphinsof the Northern Tyrrhenain (NW Mediterranean) Science of the Total Environment, 92, v119, p77

Dissolved and Particulate Transport of Arsenic and Chromium in the Po River (Italy) Science of the Total Environment, 92, v119, p253

Air Pollution Trends in the Town of Turin in the Years 1973-1986 Science of the Total Environment, June 92, v120, n3, p271

Radon Concentrations Inside Castles and Other Ancient Buildings *Science of the Total Environment*, 92, v121, p53

Polychlorinated Biphenyl Congeners and Other Chlorinated Hydrocarbons in Bottom Sediment Cores of Lake Garda, Italy Science of the Total Environment, 92, v121, p77

Activated Sludge Biodegradation Test as a Screening Method to Evaluate Persistence of Pesticides in Soil *Science of the Total Environment*, 92, v123/124, p279

Sorption of Atrazine and Trifluralin in Relation to the Physio-Chemical Characteristics of Selected Soils *Science of the Total Environment*, 92, v123/124, p503

Butylate Movement and Persistence in Two Soils Science of the Total Environment, 92, v123/124, p531

Evaluation of a Simulation Model for Prediction of Chlorsulfuron Fate in an Umbrian Soil Science of the Total Environment, 92, v123/124, p561

Atmospheric-Derived Element Tracers on Damaged Stone Science of the Total Environment, Sep 92, v126, n1,2, p35

Determination of Some Atmospheric Pollutants Inside a Museum: Relationship with the Concentration Outside

Science of the Total Environment.

Science of the Total Environment, Dec 92, v127, n3, p211

Formiate and Acetate in Wet Deposition at Pallanza (NW Italy) in Relation to Major Ion Concentrations *Water, Air, and Soil Pollution, July* 92, v63, n3/4, p397

Toxicological and Chemical Characterization of Organic Micropollutants in River Po Waters

Water Research, Jan 92, v26, n1, p19

Japan

Variation in Microbial Biomass and Community Structure in Sediments of Eutrophic Bays as Determined by Phospholipid Ester-Linked Fatty Acids

Applied and Environmental Microbiology, Feb 92, v58, n2, p562

Direct Isolation of Yersinia pseudotuberculosis from Fresh Water in Japan Applied and Environmental Microbiology, Aug 92, v58, n8, p2688

Vibrio cholerae Non-O1 Isolated from Ayu Fish (Plecoglossus altivelis) in Japan Applied and Environmental Microbiology, Sep 92, v58, n9, p3078

Mitotic Toxicity, Sister Chromatid Exchange, and Rec Assay of Pesticides

Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p13

Subchronic Toxicity and Reproduction Effects of Tri-*n*-butyltin Oxide in Japanese Quail

Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p457

Inhalation of Road Dust by Residents in Polluted Areas Archives of Environmental Health, Mar/Apr 92, v47, n2, p131 Significance of Urinary Cadmium Concentration in a Japanese Population Environmentally Exposed to Cadmium Archives of Environmental Health

Archives of Environmental Health, May/June 92, v47, n3, p196

Optical and Chemical Properties of Urban Aerosols in Sendai and Sapporo, Japan Atmospheric Environment, 92, v26A, n11, p2055

Application of Common y-Intercept Regression Paramets for Log K_p vs 1/ T for Predicting Gas-Particle Partitioning in the Urban Environment Atmospheric Environment, 92, v26A, n14, p2489

Diurnal Variation of Ohio Radical and Hydrocarbons in a Polluted Air Mass During Long-Range Transport in Central Japan Atmospheric Environment, 92, v26A, n15, p2835

Some Statistical Characteristics of Concentration and Wet Deposition in Relation to Rainfall Amount for Sulfate and Nitrate in Rain Water Atmospheric Environment, 92, v26A, n16 p3029

Daily Intake of Metals by Females in Osaka, Japan Bulletin of Environmental Contamination and Toxicology, Oct 92, v49, n4, p509

Congener-Specific PCB Analyses of a Sediment Core of Lake Shinji, Japan *Chemosphere*, Feb 92, v24, n4, p427

Triphenyltin Compounds in Mussels in Tokyo Bay after Restriction of Use in Japan *Chemosphere*, Apr 92, v24, n8, p1103

Pesticides in Water and Fish from Rivers Flowing into Lake Biwa (II) Chemosphere, May 92, v24, n10, p1523

Japan's Guidelines for Controlling Dioxins and Dibenzofurans in Municipal Waste Treatment Chemosphere, Oct-Nov 92, v25, n7-10, p1393

Laos

Community Participation for Forest Watershed Management in Laos *Journal of Soil and Water Conservation*, Nov/Dec 92, v47, n6, p499

Latin America

Sustainable Agricultural Development in Latin America: Exploring the Possibilities

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p1

Latvia

Analysis of Long-Term and Seasonal River Water Quality Changes in Latvia

Water Research, Sep 92, v26, n9, p1203

Libya

Lead Levels in Settled Dusts of Tripoli, Libya Science of the Total Environment, 92, v119, p51

Radon (²²²Rn) Short-Lived Decay Products and Their Temporal Variation in Surface Air in Tripoli Science of the Total Environment, 92, v119, p243

Louisiana

The Economic Cost of Residual Environmental Risk: A Case Study of Louisiana

Journal of Environmental Management, Sep 92, v36, n1, p1

Metal to Aluminum Correlation in Louisiana Coastal Wetlands: Identification of Elevated Metal Concentrations

Journal of Environmental Quality, Oct-Dec 92, v21, n4, p539

Concentration of HCB in *Callinectes* sapidus from the Calcasieu Estuary, Louisiana

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1095

Effects of Semi-impoundment of Louisiana Marsh on Fish and Crustacean Nursery Use and Export North American Journal of Fisheries Management, Winter 92, v12, n1, p151

Redox Proceses and Diagnostic Wetland Soil Indicators in Bottomland Hardwood Forests Soil Science Society of America Journal, May-June 92, v56, n3, p856

Petroleum Processing and Synthetic Fuels

Water Environment Research 02

Water Environment Research, 92, v64, n4, p448

Louisiana, Alexandria

Changes to Infiltration and Interrill Erosion from Long-Term Prescribed Burning In Louisiana Water Resources Bulletin, Mar-Apr 92, v28, n2, p287

Louisiana, Calcasieu River

Effects of Contaminants on Macrobenthic Communities in the Upper Calcasieu Estuary, Louisiana Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p922

Louisiana, Caminada Bay

Effects of Increased Elevation and Macro-and Micronutrient Additions on *Spartina alterniflora* Transplant Success in Salt-Marsh Dieback Areas in Louisiana

Environmental Management, July/ Aug 92, v16, n4, p505

Louisiana, Coast

Effect of Weirs on Sediment Deposition in Louisiana Coastal Marshes *Environmental Management*, Jan/Feb 92, v16, n1, p55

Louisiana, Lake Charles

Methane in Well Water from Lake Charles, Louisiana Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p768

Louisiana, Mississippi Valley

Phosphorus Release and Assimilatory Capacity of Two Lower Mississippi Valley Freshwater Wetland Soils Water Resources Bulletin, July-Aug 92, v28, n4, p763

Louisiana, New Orleans

Temporal Fluctuations of Heavy Rainfall Magnitudes in New Orleans, Louisiana:1871-1991 Water Resources Bulletin, July-Aug 92, v28, n4, p721

Louisiana, Southwestern

Green-Winged Teal Ingest Epibenthic Meiofauna *Estuaries*, June 92, v15, n2, p227

The Identification of Point Sources of Heavy Metals in an Industrially Impacted Waterway by Periphyton and Surface Sediment Monitoring *Water, Air, and Soil Pollution*, Oct 92, v65, n1,2, p175

Maine

Seasonal Incidence of *Vibrio* vulnificus in the Great Bay Estuary of New Hampshire and Maine *Applied and Environmental Microbiology*, Oct 92, v58, n10, p3257

Mechanisms of Episodic Acidification in Low-Order Streams in Maine, USA

Environmental Pollution, 92, v78, n1-3, p37

Alkalinity Regulation in Maine Headwater Lakes: Terrestrial vs. Lacustrine Contributions in Summer Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p57

Maine, Central

Atrazine, Alachlor, and Carbofuran Contamination of Well Water in Central Maine Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p1

Comparative Impacts of Forest Harvest and Acid Precipitation on Soil and Streamwater Acidity Environmental Pollution, 92, v77, n2,3, p151

Kansas, Konza Prairie

Absence of Interspecific Competition Among Tallgrass Prairie Grasshoppers During a Drought Ecology, June 92, v73, n3, p1038

Kansas, Lawrence

Compound Detection and Concentration Estimation by Open-Path Fourier Transform Infrared Spectrometry and Canisters Under Controlled Field Conditions

Environmental Science and Technology, Nov 92, v26, n11, p2175

Kansas, Topeka

Examination of Fungi in Domestic Interiors by Using Factor Analysis: Correlations and Associations with Home Factors

Applied and Environmental Microbiology, Jan 92, v58, n1, p181

Kentucky

Chemical Characterization of Precipitation from a Monitoring Network in the Lower Ohio River Valley

Atmospheric Environment, 92, v26A, n6, p1147

Diatom Communities Along Stream Longitudinal Gradients Freshwater Biology, Aug 92, v28, n1, p59

Nitrate-Nitrogen and Phosphate-Phosphorus in Seven Kentucky Streams Draining Small Agricultural Watersheds: Eighteen Years Later Journal of Environmental Quality, Jan-Mar 92, v21, n1, p147

Kentucky, Eastern

Soils on Hillslopes in Acid Gray and Black Shales Soil Science Society of America Journal, July/Aug 92, v56, n4, p1218

Kentucky, Louisville

Migration of Chloroform in Aquifers Journal of Environmental Engineering, Mar/Apr 92, v118, n2, p167

Kenya

Yield Response of Maize to Fertilizers and Manure Under Different Agro-Ecological Conditions in Kenya Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p241

Organochlorine Pesticide Residues in Estuarine Fish from the Athi River, Kenya

Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p199

Organochlorine Pesticide Residues in Fish from Lake Naivasha and Tana River, Kenya

Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p207

A Model for Predicting Black Tea Quality from the Carotenoid and Chlorophyll Composition of Fresh Green Tea Leaf

Journal of the Science of Food and Agriculture, 92, v58, n2, p185

Compariosn of Gas Chromatographic Volatile Profiling Methods for Assessing the Flavour Quality of Kenyan Black Teas

Journal of the Science of Food and Agriculture, 92, v59, n2, p189

Korea

On the Observations of Yellow Sand (Dust Storms) in Korea *Atmospheric Environment*, 92, v26A, n15, p2743

On the Atmospheric Conditions Affecting the Variation of Tritium Concentration in Rainfall Atmospheric Environment, 92, v26A, n15, p2751

Pedogenesis of Two Forest Soils (Kandiustults) Derived from Metamorphosed Granite in Korea Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p517

Kuwait

Preliminary Evaluation of Metal Contamination of Soils from the Gulf War Activities Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p633

Considerations in Assessing for Rehabilitation of Damaged 20 mgd Shuwaikh 'D' Plants Kuwait Desalination, Sep 92, v87, n1-3, p145

Electrochemical Behavior of Copper-Nickel Alloys in Sulphide Polluted Seawater at Moderate Temperatures Desalination, Nov 92, v89, n1, p41

A Conceptual Approach to Selection of a Control Measure for Residual Chlorine Discharge in Kuwait Bay *Environmental Management*, May/June 92, v16, n3, p309

Effects of Airborne Dust Collected from Kuwait on Human Erythrocytes Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n5, p1229

Dissipation of Toxic Potential of Airborne Dust in Kuwait Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2167

Clams as Pollution Bioindicators in Kuwait's Marine Environment: Metal Accumulation and Depuration Science of the Total Environment, June 92, v120, n3, p185

Modeling the Fate and Transport of Al-Ahmadi Oil Spill *Water, Air, and Soil Pollution,* Nov 92, v65, n3,4, p257

Labrador

Acid Precipitation and Weathering by Organic Acids in Labrador Lake Basins Water Resources Bulletin, May-June 92, v28, n3, p507

Lake Tahoe

Lake Trout Spawning in Lake Tahoe: Egg Incubation in Deepwater Macrophyte Beds North American Journal of Fisheries Management, Summer 92, v12, n3, p442

Massachusetts, Cape Cod

Inverse Analytical Techniques Applied to Coincident Contaminant Distributions at Otis Air Force Base, Massachusetts *Ground Water*, Mar-Apr 92, v 30, n2, p212

Massachusetts, Eastern

Determination of Mutagencity in Sediments of the Aberjona Watershed Using Human Lymphoblast and Salmonella typhimurium Mutation Assays

Environmental Science and Technology, Mar 92, v26, n3, p599

Massachusetts, Holbrook

Assessment of Methods for Estimating Ecological Risk in the Terrestrial Component: A Case Study at the Baird and McGuire Superfund Site in Holbrook, Massachusetts

Environmental Toxicology and Chemistry, 92, v11, n2, p245

Massachusetts, New Bedford

Predicting Effluent PCBs from Superfund Site Dredged Material Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p657

Massachusetts, Quabbin Reservoir

Sulfate Stimulation of Mercury Methylation in Freshwater Sediments Environmental Science and Technology, Nov 92, v26, n11, p2281

Massachusetts, Southeastern

Differential Transport of Sewage-Derived Nitrogen and Phosphorus Through a Coastal Watershed Environmental Science and Technology, Feb 92, v26, n2, p352

Massachusetts, Waquoit Bay

Couplings of Watersheds and Coastal Waters: Sources and Consequences of Nutrient Enrichment in Waquoit Bay, Massachusetts *Estuaries*, Dec 92, v15, n4, p443

Mediterranean Sea

Biogenic and Anthropogenic Organic Compounds in Eolian Particulates in the East Mediterranean Region - I. Occurrence and Origin Atmospheric Environment, 92, v26A, n15, p2821

Evaluation of Modifications of the Simple Spectrofluorometry Method for Estimating Petroleum Hydrocarbon Levels in Fresh and Waste Water Samples *Chemosphere*, June 92, v24, n12, p1825

Floating Nuclear Desalination Plant AFWS-40 *Desalination*, Nov 92, v89, n1, p21

Occurrence and Fate of Tributyl-and Triphenyltin Compounds in Western Mediterranean Coastal Enclosures Environmental Toxicology and Chemistry, 92, v11, n2, p145

Seed Bank Dynamics in a Mediterranean Grassland *Journal of Applied Ecology*, 92, v29, n3, p763

Canopy Removal Experiments in *Cystoseira*-Dominated Rockpools from the Western Coast of the Mediterranean (Ligurian Sea) *Journal of Experimental Marine Biology and Ecology*, 92, v155, n1, p69

Shelter Preferences in the Mediterranean Slipper Lobster: Effects of Physical Properties Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p103

Protection of the Mediterranean Marine Environment Journal of the Institution of Water and Environmental Management, Mar 92, p79

Unusual Larval Fish Distribution Pattern in a Coastal Zone of the Western Mediterranean Limnology and Oceanography, Sep 92, v37, n6, p1252

Hydrocarbons and Fatty Acids in Surficial Sediments (French Mediterranean Coastal Zones) Science of the Total Environment, Mar 92, v113, n3, p197

Mexico

Vehicular Traffic as a Determinant of Blood-Lead Levels in Children: A Pilot Study in Mexico City Archives of Environmental Health, July/Aug 92, v47, n4, p246

New Directions in Mexican Environmental Policy Environmental Management, July/ Aug 92, v16, n4, p465

Fresh-Water/Sea-Water Relationship Within a Ground-Water Flow System, Northeastern Coast of the Yucatan Peninsula Ground Water, May-June 92, v30, n3, p343

Habitat Use by Parapatric Rabbits in a Mexican High-Altitude Grassland System Journal of Applied Ecology, 92, v29, n2, p357

Life-History Studies of the Coffee Berry Borer (*Hypothenemus hampei*, Scolytidae) on Coffee Trees in Southern Mexico *Journal of Applied Ecology*, 92, v29, n3, p656

Application of Airborne Lidar in Particulate Air Quality Problem Delineation, Monitoring Network Design and Control Strategy Development Journal of the Air and Waste Management Association, Sep 92, v42,

Emission Characteristics of Mexico City Vehicles Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1424

n9, p1186

Bound Phenolic Acids in Terrestrial Humic Acids Science of the Total Environment, May 92, v117/118, p187

Seasonal Distribution of Airborne Protozoa in Mexico City and its Suburbs Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p17

Maine, Eastern

The MAGIC Simulation of Surface Water Acidification at, and First Year Results from, the Bear Brook Watershed Manipulation, Maine, USA *Environmental Pollution*, 92, v77, n2,3, p279

Spawning Origin of Small, Late-Hatched Atlantic Herring (Clupea harengus) Larvae in a Maine Estuary Estuaries, Sep 92, v15, n3, p282

Maine, Hancock County

Artificial Acidification of a Non-Acidic and an Acidic Headwater Stream in Maine, USA *Environmental Pollution*, 92, v77, n2,3, p123

Maine, Walpole

Effects of Temperature on Methane Consumption in a Forest Soil and in Pure Cultures of the Methanotroph Methylomonas rubra Applied and Environmental Microbiology, Sep 92, v58, n9, p2758

Malaysia

Mosquito Coils: A Source of Elemental Pollution Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p663

Maryland

Critical Loads and Steady-State Chemistry for Streams in the State of Maryland Environmental Pollution, 92, v77, n2,3, p195

Interactive Effects of Salinity and Adult Extract Upon Settlement of the Estuarine Barnacle Balanus improvisus Journal of Experimental Marine Biology and Ecology, 92, v156, n2, p239

Maintenance of Stormwater BMPs in Four Maryland Counties Journal of Soil and Water Conservation, Sep/Oct 92, v47, n5, p417 Inspection and Maintenance of Infiltration Facilities

Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p481

Controlling Stormwater: Some Lessons from the Maryland Experience "Seminar Publication—Nonpoint

"Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p156

Maryland, Frederick

Biodegradation of 2, 4- and 2,6-Dinitrotoluene by Freshwater Microorganisms Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p663

Maryland, Patuxent River

Microbial Degradation of Toluene under Sulfate-Reducing Conditions and the Influence of Iron on the Process

Applied and Environmental Microbiology, Mar 92, v58, n3, p786

Maryland, Salisbury

Effect of Inoculant Strain and Organic Matter Content on Kinetics of 2,4-Dichlorophenoxyacetic Acid Degradation in Soil Applied and Environmental Microbiology, May 92, v58, n5, p1459

Maryland, Silver Spring

Odor Control Research at the Montgomery County Regional Compost Facility Water Environment Research, 92, v64, n1, p13

Maryland, Southern

A Two-Year Study of Seasonal Indoor Radon Variations in Southern Maryland Environmental Pollution, 92, v76, n3, p195

Radon Remediation Studies in Northern Virginia and Southern Maryland Environmental Toxicology and Chemistry, 92, v11, n4, p481

Massachusetts

Regional Flow-Duration Curves for Ungauged Sites in Massachusetts *Journal of Water Resources Planning and Management*, Jan/Feb 92, v118, n1, p110

Acidity Status of Surface Waters in Massachusetts Water, Air, and Soil Pollution, July 92, v63, n3,4, p237

Effect of Price Structure on Residential Water Demand Water Resources Bulletin, July-Aug 92, v28, n4, p681

Massachusetts, Boston

Rates of Microbenthic and Meiobenthic Bacterivory in a Temperate Muddy Tidal Flat Community Applied and Environmental Microbiology, Aug 92, v58, n8, p2426

Indoor Ozone and Nitrogen Dioxide: A Potential Pathway to the Generation of Nitrate Radicals, Dinitrogen Pentaoxide and Nitric Acid Indoors *Environmental Science and Technology*, Jan 92, v26, n1, p179

Mineralization of Surfactants in Anaerobic Sediments of a Laundromat Wastewater Pond Water Research, Jan 92, v26, n1, p123

Partitioning of Polycyclic Aromatic Hydrocarbons to Marine Porewater Organic Colloids Environmental Science and Technology, Aug 92, v26, n8, p1621

Massachusetts, Cambridge

NO_x Controls for Utility Boilers: Highlights of the EPRI July 1992 Workshop Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1498

Mississippi , Mississippi River

Stale Seedbed Production of Soybeans with a Wheat Cover Crop Journal of Soil and Water Conservation, Mar-Apr 92, v47, n2, p187

Cadmium and Mercury in Emergent Mayflies (*Hexagenia bilineata*) from the Upper Mississippi River *Archives of Environmental Contamination and Toxicology*, July 92, v23, n1, p109

Persistence of Vibrio vulnificus in Tissues of Gulf Coast Oysters, Crassostrea virginica, Exposed to Seawater Disinfected with UV Light Applied and Environmental Microbiology, May 92, v58, n5, p1506

Mississippi, Mississippi Valley

Chromium Redox Chemistry in a Lower Mississippi Valley Bottomland Hardwood Wetland Environmental Science and Technology, June 92, v26, n6, p1217

Mississippi, Pascagoula

Alternative Preservative Systems: Pros and Cons "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p20

Missouri

Survey of Rural Wells in Missouri for Pesticides and Nitrate Ground Water Monitoring Review, Fall 92, v12, n4, p142

Missouri, Cabool

Searching for a Water Supply Connection in the Cabool, Missouri Disease Outbreak of *Escherichia coli* 0157:H7 *Water Research*, Aug 92, v26, n8, p1127

Missouri, Columbia

Pool Size and Mean Age of Stable Soil Organic Carbon in Cropland Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p460

Missouri, Rolla

Treatment and Mercury Recovery from Electrical Manufacturing Wastes

"Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p99

Missouri, Southwestern

Field Demonstration of the Linde Oxygen Combustion System on the EPA Mobile Incinerator Journal of the Air and Waste Management Association, Apr 92, v42, n4, p493

Montana

Degradation and Transport of Dicamba in a Clay Soil Journal of Environmental Quality, Oct-Dec 92, v21, n4, p653

High-Stature Grasses for Winter Grazing Journal of Soil and Water Conservation, May-June 92, v47, n3, p224

Montana, Bozeman

A Test of the Local Equilibrium Assumptibon for Adsorption and Transport of Picloram Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1392

Montana, Butte

Site Demonstration of the Retech Plasma Centrifugal Furnace: The Use of Plasma to Vitrify Contaminated Soil

Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1372

The Site Demonstration of the Retech Plasma Centrifugal Furnace "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p146

Evaluation of the Air-Sparged Hydrocyclone "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p155

Montana, Central

Water Retention of Soft Siltstone Fragments in a Ustic Torriorthent, Central Montana Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p555

Montana, Clark Fork Basin

Characterization of Arsenic-Containing Mining/Smelting Wastes in the Clark Fork Basin, MT and Some Potential Remedial Technologies "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p56

Montana, Gallatin Petrifed Forest

Change in a Petrified Forest and Implications Towards Management *Environmental Management*, Mar/Apr 92, v16, n2, p179

Montana, Western

Prescribed Burning in Unevenaged Stand Management of Ponderosa Pine/Douglas Fir Forests Journal of Environmental Management, Mar 92, v34, n3, p221

Morocco

Production Estimate of a Mussel Population *Perna picta* (Born) on the Atlantic Coast of Morocco *Journal of Experimental Marine Biology and Ecology*, 92, v163, n2, p183

Natal

Air Monitoring for Pollution by Auxin-Type Herbicides Chemosphere, Mar 92, v24, n6, p719

Nebraska

Dynamics of the Parasite Assemblage of *Pimephales promelas* in Nebraska *Journal of Parasitology*, Oct 92, v78, n5, p830

Preliminary Results of Size Distribution Airborne Particles in Mexico City

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p649

Aerobic Submerged Biofilm Reactors for Wastewater Treatment Water Research, June 92, v26, n6, p825

Mexico, Gulf of

Mechanisms and Rates of Decay of Marine Viruses in Seawater Applied and Environmental Microbiology, Nov 92, v58, n11, p3721

Behavioral Avoidance of Predation in an Interidal Hermit Crab Journal of Experimental Marine Biology and Ecology, 92, v157, n2. p143

The Foraging Ecology of the Gulf of Mexico Stone Crab Menippe adina (Williams et Felder) Journal of Experimental Marine Biology and Ecology, 92, v160, n1, p67

The Effect of Long-Term Alteration of In Situ Currents on the Growth of *Mercenaria mercenaria* in the Northern Gulf of Mexico *Limnology and Oceanography*, Sep 92, v37, n7, p1550

Michigan

Texture, Mineralogy and Lamellae Development in Sandy Soils in Michigan Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1538

Michigan, Ford River

Host-Parasite Relationships of Longnose Dace, *Rhinicthys* cataractae from the Ford River, Michigan Journal of Parasitology, Oct 92, v78, n5, p837

Michigan, Isle Royale

Effects of Moose Browsing on Vegetation and Litter of the Boreal Forest Ecology, Dec 92, v73, n6, p2059

Michigan, Manistee County

The Demography of Fine Roots in a Northern Hardwood Forest *Ecology*, June 92, v73, n3, p1094

Michigan, Mt. Pleasant

Soil Lead Levels in a Small Town Environment: A Case Study from Mt. Pleasant, Michigan Environmental Pollution, 92, v76, n3, p251

Michigan, Saginaw River

Evidence for Natural Reproduction by Stocked Walleyes in the Saginaw River Tributary System, Michigan North American Journal of Fisheries Management, Spring 92, v12, n2, p386

Michigan, South Central

Effects of Soil Erosion on Corn Yields on Marlette Soils in South-Central Michigan Journal of Soil and Water Conservation, July-Aug 92, v47, n4, p325

Michigan, Southwestern

A Case History of a Die-Casting Wastewater Treatment System "Proceedings of the 46th Industrial Waste Conference," 1991, p347

Michigan, Traverse City

ATP and Adenylate Energy Charge Determinations on Core Samples from an Av-Fuel Spill Site at the Traverse City, Michigan Airport Bulletin of Environmental Contamination and Toxicology, Aug92, v49, n2, p232

Michigan, Washtenaw County

The Development and Implementation of an Urban Nonpoint Pollution Education/Information Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p128

Minnesota

Onchocerciasis in Minnesota Cattle *Journal of Parasitology*, Oct 92, v78, n5, p808

Two Pollution Prevention Technology Evaluations for the Printed Circuit Board Industry "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p46

Minnesota, Beltrami County

Overlaying Soil and Timber Inventories to Assess Aspen Productivity in Northern Minnesota

Soil Science Society of America

Journal, Jan-Feb 92, v56, n1, p295

Minnesota, Brighton

EPA SITE Demonstration of the BioTrol Soil Washing Process Journal of the Air and Waste Management Association, Jan 92, v42, n1, p96

Minnesota, Minneapolis

Remediation of Lead Contaminated Soil "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium." 1992, p11

Minnesota, Morris

Water Quality Impacts Associated with Pre- and Postemergence Applications of Atrazine in Maize *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p567

Minnesota, Washington County

Abandoned Well Survey of Dennmark Township, Washington County, Minnesota Journal of Environmental Health, May/June 92, v54, n6, p18

Mississippi

Water Quality and Agriculture: Mississippi Experiences Journal of Soil and Water Conservation, May-June 92, v47, n3, p220

Redox Proceses and Diagnostic Wetland Soil Indicators in Bottomland Hardwood Forests Soil Science Society of America Journal, May-June 92, v56, n3, p856

Nevada, Fallon

Toxicity of Trace Element and Salinity Mixtures to Striped Bass (Morone saxatilis) and Daphnia magna Environmental Toxicology and Chemistry, 92, v11, n4, p513

Nevada, Las Vegas

A Numerical Simulation of Airflows and SO₂ Concentration Distributions in an Arid Southwestern Valley *Atmospheric Environment*, 92, v26A, n9, p1771

Nevada, Northern

Variation of Stream Stability with Stream Type and Livestock Bank Damage in Northern Nevada Water Resources Bulletin, July-Aug 92, v28, n4, p743

Nevada, Northwestern

Ground-Water Recharge Through Active Sand Dunes in Northwestern Nevada

Water Resources Bulletin, Sep/Oct 92, v28, n5, p959

Nevada, Rainier Mesa

Enumeration and Characterization of Bacterial Colonists of a Submersed Aquatic Plant, Eurasian Watermilfoil (Myriophyllum spicatum L.) Applied and Environmental Microbiology, Oct 92, v58, n10, p3374

Nevada, Southern

Influence of Pore Pressure on Apparent Dispersivity of a Fissured Dolomitic Aquifer Ground Water, Jan-Feb 92, v30, n1, p87

Nevada, Southwestern

The Use of Freshwater and Saltwater Animals to Distinguish Between the Toxic Effects of Salinity and Contaminants in Irrigation Drain Water Environmental Toxicology and Chemistry, 92, v11, n4, p503

New Guinea

Severe Mortality in a Breeding Population of Ornate Rock Lobster Panulirus ornatus (Fabricius) at Yule Island, Papua New Guinea Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p143

Determination of Heavy Metals, Arsenic and Selenium in Barramundi (Lates calcarifer) from Lake Murray, Papua, New Guinea Science of the Total Environment, 92, v125, p305

The Impacts of Changing Geochemistry on the Fish Assemblages of the Lower Ok Tedi and Middle Fly River, Papua, New Guinea Science of the Total Environment, 92, v125, p321

New Hampshire

Seasonal Incidence of *Vibrio* vulnificus in the Great Bay Estuary of New Hampshire and Maine *Applied and Environmental Microbiology*, Oct 92, v58, n10, p3257

New Hampshire, Central

Winter and Early Spring Microclimate of a Subalpine Spruce-Fir Forest Canopy in Central New Hampshire. *Atmospheric Environment*, 92, v26A, n7, p1361

New Hampshire, Great Bay Estuary

A Hydrogen-Oxidizing, Fe(III)-Reducing Microorganism from the Great Bay Estuary, New Hampshire *Applied and Environmental Microbiology*, Oct 92, v58, n10, p3211

New Hampshire, Hubbard Brook Experimental Forest

Results of Experimental and Natural Food Reductions for Breeding Black-Throated Blue Warblers *Ecology*, Feb 92, v73, n1, p357

New Hampshire, Mirror Lake

New and Recycled Primary Production in an OligotrophicLakw: Insights for Summer Phosphorus Dynamics *Limnology and Oceanography*, May 92, v37, n3, p590

New Hampshire, Pemigewasset Wilderness

Information as a Management Tool: An Evaluation of the Pemigewasset Wilderness Management Plan Environmental Management, Mar/ Apr 92, v16, n2, p143

New Hampshire, Rye Harbor State Park

Sulfur Dioxide in Coastal New England Fog Atmospheric Environment, 92, v26A, n11, p2063

New Hampshire, Southern

Conceptual and Statistical Modes to Characterize Soil Materials, Landforms, and Processes Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p214

New Jersey

Evaluating the Performance of Biologically Active Rapid Filters American Water Works Association Journal, Apr 92, v84, n4, p136

How Preoxidation Affects Particle Removal During Clarification and Filtration

American Water Works Association Journal, Dec 92, v84, n12, p85

Reassessment of Lead Exposure in New Jersey Using GIS Technology Environmental Research, Dec 92, v59, n2, p318

Confining Unit Effects on Water Quality in the New Jersey Coastal Plain Ground Water, May-June 92, v30,

n3, p415

Nebraska, Cherry County

New Distribution Records for *Bunodera eucaliae* and *Bunodera inconstans* N. Comb (Digenea: Allocreadiidae: Bunoderinae) with Discussion of Their Phylogenetic Relationships *Journal of Parasitology*, Oct 92, v78, n5, p779

Nebraska, Southwestern

Ectoparasitism as a Cause of Natal Dispersal in Cliff Swallows *Ecology*, Oct 92, v73, n5, p1718

Netherlands, The

Biodegradation of Polycyclic Aromatic Hydrocarbons by New Isolates of White Rot Fungi Applied and Environmental Microbiology, July 92, v58, n7, p2219

Lead and Cadmium in Birds in The Netherlands Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p453

A Wind-Tunnel Study of the Dust Emissions from the Continuous Dumping of Coal Atmospheric Environment, 92, v26A, n8, p1453

Toxic Effects of Pollutants on Methane Production in Sediments of the River Rhine Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p780

Soil Contamination with PCDDs and PCDFs of Small (illegal) Scrap Wire and Scrap Car Incineration Sites *Chemosphere*, Jan 92, v24, n2, p127

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener DTDMAC-I. Ecotoxicological Effects Chemosphere, Mar 92, v24, n5, p599

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener DTDMAC-II. Exposure Modeling Chemosphere, Mar 92, v24, n5, p611

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener

DTDMAC-III. Risk Assessment *Chemosphere*, Mar 92, v24, n5, p629

An Environmental Risk Assessment for DTDMAC in the Netherlands, The

Chemosphere, Mar 92, v24, n5, p641

Toxicity of Flue Ash Emissions from Waste Incinerators *Chemosphere*, Mar 92, v24, n6, p753

The Use of Biochemical Parameters in Comparative Toxicological Studies With the Cormorant (*Phalacrocorax carbo*) in the Netherlands, The *Chemosphere*, Oct-Nov 92, v25, n7-10, p1265

Active Biomonitoring of Polycyclic Aromatic Hydrocarbons by Means of Mosses Environmental Pollution, 92, v76, n1,

A Statistical Approach to the Regional Use of Critical Loads *Environmental Pollution*, 92, v77, n2,3, p177

p15

Dissolution Behavior of Iron Cyanide (Prussian Blue) in Contaminated Soils

Environmental Science and Technology, Sep 92, v26, n9, p1832

Copper and Zinc in Estuarine Water: Chemical Speciation in Relation to Bioavailability to the Marine Planktonic Diatom *Ditylum* brightwellii Environmental Toxicology and Chemistry, 92, v11, n11, p1615

Eutrophication, Water Management, and the Functioning of Dutch Estuaries and Coastal Lagoons *Estuaries*, Dec 92, v15, n4, p538

Intraspecific Variation in Isozyme Patterns of Phenotypically Separated Populations of *Zostera marina* L. in the South-Western Netherlands, The *Journal of Experimental Marine Biology and Ecology*, 92, v161, n1, p1

Solid Waste Problems and Their Handling in the Netherlands, The Journal of the Institution of Water and Environmental Management, Mar 92, p112

Emissions of Some Greenhouse Gases from Aquatic and Semi-Aquatic Ecosystems in the Netherlands and Options to Control Them Science of the Total Environment, Sep 92, v126, n3, p263

Trace Metals in the Marine Bivalve *Macoma balthica* in the Westerschelde Estuary (The Netherlands). Part 1: Analysis of Total Copper, Cadmium, Zinc and Iron Concentrations-Locational and Seasonal Variations

Science of the Total Environment, Dec 92, v127, n3, p255

Assessment of the Lifetime Accumulated Cadmium Intake from Food in Kempenland Science of the Total Environment, Dec 92, v127, n3, p281

Spatial Variability and Sampling of Cyanide Polluted Soil on Former Galvanic Factory Premises Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p1

SO₂ and NH₃ Deposition as Possible Causes for the Extinction of *Arnica montana* L. *Water, Air, and Soil Pollution, Apr* 92, v62, n3,4, p325

Sorption of 1,2,3,4-Tetrachlorobenzene and Cadmium to Sediments and Suspended Solids in Lake Volkerak/Zoom *Water Research*, Mar 92, v26, n3, p327

Eight Year Full-Scale Experience with Anaerobic Treatment of Potato Processing Effluent "Proceedings of the 46th Industrial Waste Conference," 1991, p395

A Demo-Project for In Situ Subsoil and Aquifer Restoration Following Hydrocarbon Spills at a Tankstation "Proceedings of the Symposium on Soil Venting," 1991, p317

Nevada

Comparison of Identification Systems for Classification of Bacteria Isolated from Water and Endolithic Habitats with the Deep Subsurface Applied and Environmental Microbiology, Oct 92, v58, n10, p3367

Effects of Liming on Oxalis acetosella and Lycopodium lucidulum in a Northern Hardwood Forest Journal of Applied Ecology, 92, v29, n2, p492

Integrated Assessment of Acid-Deposition Effects on Lake Acidification

Journal of Environmental Engineering, Jan-Feb 92, v118, n1, p120

Methane Fluxes, Concentrations, and Production in Two Adirondack Beaver Impoundments *Limnology and Oceanography*, July 92, v37, n5, p1057

New York, Central

Composition of Toxicants and Other Constituents in Yard or Sludge Composts from the Same Community as a Function of Time-of-Waste-Collection

Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p380

New York, Great South Bay

Seasonality and Abundance of Ichthyoplankton in Great South Bay, New York

Estuaries, June 92, v15, n2, p230

Analytical Descriptions of Subaqueous Groundwater Seepage *Estuaries*, Dec 92, v15, n4, p458

New York, Hudson River

Anaerobic Dechlorination of Polychlorobiphenyls (Aroclor 1242) by Pasteurized and Ethanol-Treated Microorganisms from Sediments Applied and Environmental Microbiology, Apr 92, v58, n4, p1110

Establishment of a Polychlorinated Biphenyl-Degrading Enrichment Culture with Predominantly *meta* Dechlorination Applied and Environmental Microbiology, Sep 92, v58, n9, p3088

Treated Municipal Wastewaters: Effects of Organic Fractions on Development and Growth of Fishes Environmental Toxicology and Chemistry, 92, v11, n10, p1451 Influence of Salt Front Position on the Occurrence of Uncommon Marine Fishes in the Hudson River Estuary Estuaries, June 92, v15, n2, p251

Can Phytoplankton Maintain a Positive Carbon Balance in a Turbid, Freshwater, Tidal Estuary? Limnology and Oceanography, Dec 92, v37, n8, p1608

New York, Jamaica Bay

Secondary Production of the Amphipod Ampelisca abdita Mills and its Importance in the Diet of Juvenile Winter Flounder (Pleuronectes americanus) in Jamaica Bay, New York

Estuaries, June 92, v15, n2, p193

New York, Long Island

Patterns and Rates of Ground-Water Flow on Long Island, New York Ground Water, Nov-Dec 92, v30, n6, p857

New York, New York City

Blood Lead Levels in Incinerator Workers Environmental Research, Oct 92, v59, n1, p265

A 3-Year Study of Water Relations of Urban Street Trees Journal of Applied Ecology, 92, v29, n2, p436

New York, Niagara Falls

A Successful Story of Operating a Physical-Chemical Wastewater Treatment Plant "Proceedings of the 46th Industrial Waste Conference," 1991, p571

New York, Northern

Measurement of PCDFs and PCDDs in Air Samples and Lake Sediments at Several Locations in Upstate New York

Chemosphere, July 92, v25, n1,2, p95

New York, Rochester

Evaluation of Groundwater Flow Regime at a Landfill with Liner System

Journal of Environmental Science

and Health—Environmental Science and Engineering, 92, vA27, n7, p1793

New York, Upton

Controlled Enrichment System for Experimental Fumigation of Plants in the Field with Sulfur Dioxide Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1324

New York, Western

Application of Multivariate Statistical Analysis to Evaluate Local Sources of Chlorobenzene Congners in Soil Samples

Chemosphere, Sept 92, v25, n5, p675

New York, Whiteface Mountain

Aluminum in Soil Solutions from a Subalpine Spruce-Fir Forest at Whiteface Mountain, New York *Journal of Environmental Quality*, July-Sep 92, v21, n3, p345

New Zealand

Ecosystem Processes and Sustainable Land Use in New Zealand Steeplands Agriculture, Ecosystems and Environment, June 92, v41, n1, p153

Metal Concentrations in Seabirds of the New Zealand Region Environmental Pollution, 92, v75, n3, p289

The Influence of Periphyton, Detritus and Shelter on Invertebrate Colonization of Aquatic Bryophytes *Freshwater Biology*, June 92, v27, n3, p327

Invertebrate Drift in a Large, Braided New Zealand River Freshwater Biology, June 92, v27, n3, p405

Successional Interactions Between Bracken and Broom on the Port Hills, Canterbury, New Zealand Journal of Applied Ecology, 92, v29, n1, p85

A Survey on Attitudes of Landholders to Native Forest on Farmland *Journal of Environmental Management*, Feb 92, v34, n2, p117

Notes on Cumulative Environmental Change II: A Contribution to Methodology

Journal of Environmental Management, May 92, v35, n1, p51

Recovery of Chionochloa rigida Tussocks from Fires in South Island, New Zealand Journal of Environmental Management, Aug 92, v35, n4, p249

Perception of Water Clarity and Colour in Terms of Suitability for Recreational Use Journal of Environmental Management, Nov 92, v36, n3, p225

Influence of Phosphorus Storage on the Uptake of Cadmium by the Marine Alga Macrocystis pyrifera Limnology and Oceanography, Sep 92, v37, n7, p1361

The Transport of Airborne Trace Elements Copper, Lead, Cadmium, Zinc and Manganese from a City into Rural Areas Science of the Total Environment, 92, v121, p247

The Effect of Sewage on Trace Metal Concentrations and Scope for Growth in *Mytilus edulis aoteanus* and *Perna canaliculus* from Wellington Harbor, New Zealand

Science of the Total Environment, 92, v125, p263

Periphyton Biomass Related to Point-Source Nutrient Enrichmnet in Seven New Zealand Streams

Water Research, May 92, v26, n5, p669

Nicaragua

Total Arsenic in Water, Fish and Sediments from Lake Xolotlán, Nicaragua Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p463

Preliminary Study of 15 Organochlorine Pesticides in Lake Xolotlán, Nicaragua *Chemosphere*, May 92, v24, n9, p1413

Niger River

Pattern of Cercarial Emergence of Schistosoma curassoni from Niger and Comparison with Three Sympatric Species of Schistosomes Journal of Parasitology, Feb 92, v78, n1, p61

Nigeria

An Assessment of Preference for Landscapes in the Developing World: Case Study of Warri, Nigeria, and Environs

Journal of Environmental Management, Apr 92, v34, n4, p237

Environmental Impact Assessment in Nigeria: Current Situation and Directions for the Future *Journal of Environmental Management*, July 92, v35, n3, p163

Identification of Crop Soils by Small Farmers of South-Western Nigeria *Journal of Environmental Management*, July 92, v35, n3, p193

Land Use Issues on Wild Plant Conservation in Nigeria Journal of Environmental Management, Sep 92, v36, n1, p17

An Evaluation of Saving and Investment Behaviour of Co-operative Fishermen in the Riverine Area of Nigeria

Journal of Environmental Management, Sep 92, v36, n1, p27

Cluster Analysis of Elemental Concentrations of Cored Nigerian River Sediments

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p1

Comparative Studies of the Degradation of Non-Starchy Polysaccharides by Sorghums and Barleys During Malting

Journal of the Science of Food and Agriculture, 92, v58, n1, p129

The Effects of Time to First Shoot Removal on Leaf Vegetable Quality in Cassava (Manihot esculenta Crantz)

Journal of the Science of Food and Agriculture, 92, v60, n3, p319

Microbiological Characteristics and Deteriorative Changes of 'Kwoka' (A Nigerian Non-Fermented Maize Dish) Produced Using Potassium Sorbate and Various Steaming Treatments Journal of the Science of Food and Agriculture, 92, v60, n4, p443

Baseline Levels of Selected Organochlorine Pesticide Residues in Surface Waters in Ibadan, Nigeria by Electron Capture Gas Chromatography

Science of the Total Environment, 92, v119, p179

Prediction of the Dispersion Number in Waste Stabilization Ponds Water Research, Jan 92, v26, n1, p85

North Africa

Field Use of Granulosis Virus to Reduce Initial Storage Infestation of the Potato Tuber Moth, *Phthorimaea* operculella (Zeller), in North Africa Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p119

North Carolina

Recruitment and Growth of the Eastern Oyster, *Crassostrea virginica*, in North Carolina *Estuaries*, June 92, v15, n2, p158

Genetic Structure in a Population of the Ribbed Mussel Geukensia demissa (Dillwyn) in a North Carolina Salt Marsh Tidal Gradient Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p31

Effects of Drainage and Water-Management Practices on Hydrology Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v 118, n5, p807

Identification of Nutritional Influences on Cone Production in Fraser Fir

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p586

North Carolina, Appalchian Mountains

Biodegradability of Dissolved Organic Matter in Forest Throughfall, Soil Solution, and Stream Water Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p578

North Carolina, Clayton

Coupling Groundwater Contamination with Economic Returns When Applying Farm Pesticides Journal of Environmental Quality, Oct-Dec 92, v21, n4, p579

North Carolina, Clayton

Potassium Accumulation and Corn Yield Related to Potassium Fertilizer Rate and Placement Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p141

North Carolina, Coastal Plain

Hydrologic Model for Drained Forest Watershed

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p242

North Carolina, Eastern

Habitat Evaluation Procedures (HEP) Applied to Mitigation Banking in North Carolina

Journal of Environmental Management, June 92, v35, n2, p153

North Carolina, Macon County

First-Year Benthic Recovery of a Headwater Stream Following a 3-Year Insecticide-Induced Disturbance Freshwater Biology, Aug 92, v28, n1,

North Carolina, Morehead City

Population Processes in the Ribbed Mussel Geukensia demissa (Dillwyn) in a North Carolina Salt Marsh Tidal Gradient: Spatial Pattern, Predation, Growth and Mortality Journal of Experimental Marine Biology and Ecology, 92, v160, n1, p81

North Carolina, Mt. Mitchell

Microphysical Effect on Cloud Water Acidity: A Case Study in a Nonprecipitating Cloud Event Observed at Mr. Mitchell, North Carolina Journal of the Air and Waste Man-

agement Association, Oct 92, v42, n10, p1345

North Carolina, Neuse River

Effects of Variable Irradiance on Phytoplankton Productivity in Shallow Estuaries Limnology and Oceanography, Jan 92, v37, n1, p54

North Carolina, Pamlico River

Stratification and Bottom-Water Hypoxia in the Pamlico River Estuary Estuaries, Sep 92, v15, n3, p270

North Carolina, Piedmont

Secondary Manganese/Iron Ratios as Pedochemical Indicators of Field-Scale Throughflow Water Movement Soil Science Society of America Journal, July/Aug 92, v56, n4, p1211

Color Zonation Associated with Fractures in a Felsic Gneiss Saprolite Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1855

North Carolina, Raleigh

Bromide Movement at Selected Sites in a Dissected Piedmont Landscape Journal of Environmental Quality, July-Sep 92, v21, n3, p469

Effects of Operating Variables on PAH Emissions and Mutagenicity of **Emissions from Woodstoves** Journal of the Air and Waste Management Association, May 92, v42. n5, p691

North Carolina, Research Triangle Park

Sulfur Enrichment of Atmospheric Minerals and Spores Atmospheric Environment, 92, v26A, n6, p1113

Field Study Investigations of the Impact of Shape, Size and Orientation on Dry Deposition Induced Corrosion of Galvanized Steel Atmospheric Environment, 92, v26A, n13, p2353

Flow Rates and Compositions of Incinerated Waste Streams in the **United States** Journal of the Air and Waste Management Association, Apr 92, v42, n4, p437

North Carolina, Topsail Sound

Coastal Saltmarsh Development at Southern Topsail Sound, North Carolina Estuaries, June 92, v15, n2, p122

North Carolina, Winston-Salem

Quantification of Wastewater Odors by the Affected Public Water Environment Research, 92, v64, n5, p720

North Dakota

Hydraulic Barriers in Pleistocene **Buried-Valley Aquifers** Ground Water, Jan-Feb 92, v30, n1,

The Status of North Dakota Wetlands Journal of Soil and Water Conservation, May-June 92, v47, n3, p216

Interactions of Atrazine with Humic Substances of Different Origins and Their Hydrolysed Products Science of the Total Environment, May 92, v117/118, p403

North Dakota, Beulah

Removal of Color from Synfuel Wastewater "Proceedings of the 46th Industrial Waste Conference," 1991, p265

North Dakota, Red River Valley

Pathline and Geochemical Evolution of Ground Water in a Regional Discharge Area, Red River Valley, North Dakota Ground Water, Sep-Oct 92, v30, n5, p743

North Sea

Immunomagnetically Captured Thermophilic Sulfate-Reducing Bacteria from North Sea Oil Field Waters

Applied and Environmental Microbiology, Apr 92, v58, n4, p1244

Electron Microprobe Characterization of Individual Aerosol Particles Collected by Aircraft Above the Southern Bight of the North Sea *Atmospheric Environment*, 92, v26A, n7, p1231

The Spatial Distribution and Particle Size of Some Inorganic Nitrogen Sulphur and Chlorine Species Over the North Sea

Atmospheric Environment, 92, v26A, n9, p1689

Factors Influencing the Atmospheric Flux of Reduced Sulphur Compounds from North Sea Inter-Tidal Areas *Atmospheric Environment*, 92, v26A, n13, p2381

Atmospheric Concentrations and Size Distributions of Aircraft-Sampled Cd, Cu, Pb, and Zn Over the Southern Bight of the North Sea *Atmospheric Environment*, 92, v26A, n14, p2499

Chromatographic Separation of the Enantiomers of Marine Pollutants-VI. Comparison of the Enantioselective Degradation of ahexachlorocyclohexane in Marine Biota and Water *Chemosphere*, Sept 92, v25, n5, p719

Characterization of Individual Giant Aerosol Particles above the North Sea Environmental Science and Technology, Apr 92, v26, n4, p750

Laser Microprobe Mass Analysis of Individual North Sea Aerosol Particles *Environmental Science and Technology*, Apr 92, v26, n4, p802

Characterization of Individual Particles in the North Sea Surface Microlayer and Underlying Seawater: Comparison with Atmospheric Particles

Environmental Science and Technology, Nov 92, v26, n11, p2151

Epizootiology of the Seal Disease in the Eastern North Sea Journal of Applied Ecology, 92, v29, n1, p99

Water Quality of the North Sea: Concerns and Control Measures Journal of the Institution of Water and Environmental Management, Mar 92, p31

The Formation of Large Marine Snow and Its Sustained Residence in Surface Waters Limnology and Oceanography, Jan 92, v37, n1, p63

Norway

Characterization of Individual Fine-Fraction Particles from the Arctic Aerosol at Spitsbergen, May-June 1987

Atmospheric Environment, 92, v26A, n9, p1747

Large Scale Multi-Element Survey of Atmospheric Deposition Using Naturally Growing Moss as Biomonitor Chemosphere, Sept 92, v25, n5, p735

Common Access Tradition and Wilderness Management in Norway: A Paradox for Managers *Environmental Management*, Mar/Apr 92, v16, n2, p149

Some Heavy Metals, Essential Elements, and Chlorinated Hydrocarbons in Polar Bear (*Ursus maritimus*) at Svalbard Environmental Pollution, 92, v77, n1,

The Mixing Zone Between Limed and Acidic River Waters: Complex Aluminium Chemistry and Extreme Toxicity for Salmonids *Environmental Pollution*, 92, v78, n1-3, p3

Abundance and Population Structure of Perch (*Perca fluviatilis* L.) in Some Acidic Norwegian Lakes *Environmental Pollution*, 92, v78, n1-3, p97

Effects of Acidic Water on Freshwater Snails: Results from a Study of 1000 Lakes Throughout Norway

Environmental Pollution, 92, v78, n1-3, p127

Recovery of Acid-Sensitive Species of Ephemeroptera, Plecoptera and Trichoptera in River Audna After Liming

Environmental Pollution, 92, v78, n1-3, p173

Physiological Plasticity to Temperature in *Calanus finmarchicus*. Reality or Artefact?

Journal of Experimental Marine

Biology and Ecology, 92, v155, n2, p183

Impact of a Controlled Freshwater Discharge on Zooplankton Distribution in a Norwegian Fjord Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p279

PCDD and PCDF in Human Milk from Scandinavia, with Special Emphasis on Norway Journal of Toxicology and Environmental Health, 92, v37, n1, p73

Long-Range Changes in Oxytetracycline Concentration and Bacterial Resistance Towards Oxytetracycline in a Fish Farm Sediment after Medication Science of the Total Environment, 92, v114, p25

Hydrochemical Processes at a Pristine Site in Nord-Trøndelag, Mid-Norway Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p281

Reliable and High Efficiency Treatment of Potato Processing Wastewater in Cold Climate Using Aerated Lagoons with Combined Precipitation "Proceedings of the 46th Industrial Waste Conference," 1991, p385

Ohio

Deterministic Signals in Oklahoma and Texas Precipitation Records Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p803

Teaching Land Management With a Microcomputer-Based Model *Journal of Soil and Water Conservation*, May-June 92, v47, n3, p226

Ohio, Central

Seasonal Soil Loss and Erodibility Variation on a Miamian Silt Loam Soil

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1560

Ohio, Cincinnati

Onsite Biological Pretreatment Followed by POTW Treatment of CERCLA Leachates "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p114

Emissions of Organics from Bioslurry Reactors Treating Soil Contaminated with Wood Preserving Waste "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p135

Ohio, Coshocton

Estimating Peak Flows from Small Agricultural Watersheds Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p122

Ohio, Dayton

A Protracted Outbreak of Foodborne Viral Gastroenteritis Caused by Norwalk or Norwalk-like Agent Journal of Environmental Health, Mar/Apr 92, v54, n5, p50

The Use of Hydraulic Fracturing to Enhance In Situ Bioremediation "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p59

Ohio, East Central

Impact of Surface Coal Mining on Three Ohio Watersheds-Physical Conditions and Ground-Water Hydrology Water Resources Bulletin, May-June 92, v28, n3, p577

Impact of Surface Coal Mining on Three Ohio Watersheds—Ground-Water Chemistry Water Resources Bulletin, May-June 92, v28, n3, p597

Ohio, Eastern

Nitrate Levels in Shallow Groundwater Under Pastures Receiving Ammonium Nitrate or Slow-Release Nitrogen Fertilizer *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p607

Ohio, Fort Cobb

Foliar Application of Phosphorus and Residual Effect of Gypsum on Peanuts

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n2, p317

Ohio, Ohio River

The STEM-II Regional Scale Acid Deposition and Photochemical Oxidant Model-IV. The Impact of Emission Reductions on Mesoscale Acid Deposition in the Lower Ohio River Valley

Atmospheric Environment, 92, v26A, n5, p841

Partitioning of PCBs in the Muscle and Reproductive Tissues of Paddlefish, *Polyodon spathula*, at the Falls of the Ohio River

Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p455

Ohio, South Central

Effects of an Algivorous Minnow on Temperate Stream Ecosystem Properties

Ecology, Oct 92, v73, n5, p1630

Oman

Trihalomethane in Drinking Water Supplies and Reused Water Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p157

Sources of Pollution at Mina al Fahal Coastal Area

Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p813

Oregon, Beaverton

Optimization of the Vapor Extraction Process: Large Physical Model

Studies

"Proceedings of the Symposium on Soil Venting," 1991, p171

Oregon, Crater Lake

Physical Properties of Crater Lake, Oregon: A Method for the Determination of a Conductivity-and Temperature-Dependent Expression for Salinity

Limnology and Oceanography, Jan 92, v37, n1, p41

Oregon, E.E. Wilson Wildlife Area

Response of Female California Quail (Callipepla californica) to Methyl Parathion Treatment of Their Home Ranges During the Nesting Period Environmental Toxicology and Chemistry, 92, v11, n9, p1337

Pacific Ocean

Determination of Chemical Elements in Deposition on the Western North Pacific

Atmospheric Environment, 92, v26A, n15, p2737

Effects of Fenvalerate on the Early Life Stages of Topsmelt (Atherinops affinis)

Environmental Toxicology and Chemistry, 92, v11, n3, p409

Lead, Cadmium, Selenium and Mercury in Seabird Feathers from the Tropical Mid-Pacific Environmental Toxicology and Chemistry, 92, v11, n6, p815

Experimental Tests for Particle Size-Dependent Bioturbation in the Deep Ocean

Limnology and Oceanography, Jan 92, v37, n1, p90

Complexation of Cadmium by Natural Organic Ligands in the Central North Pacific Limnology and Oceanography, July 92, v37, n5, p1008

Benthic Boundary Layer Communities and Carbon Cycling at Abyssal Depthis in the Central North Pacific *Limnology and Oceanography*, July 92, v37, n5, p1034

Dissolved Organic Phosphorous Concentrations in the Northeast Subarctic Pacific Ocean Limnology and Oceanography, July 92, v37, n5, p1067

Feeding, Metabolism, and Growth of *Cyclosalpa bakeri* in the Subarctic Pacific

Limnology and Oceanography, Sep 92, v37, n6, p1236

Pakistan

An Outbreak of a Food-Related Ilness Resembling Boric Acid Poisoning Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p142

Blood Lead Levels in Traffic Constables

Journal of Environmental Health, July/Aug 92, v55, n1, p20

Optimization Model for Alternative Use of Different Quality Irrigation Waters

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p218

Modeling Monsoon-Affected Rainfall of Pakistan by Point Processes Journal of Water Resources Planning and Management, Nov/Dec 92, v118, n6, p671

Study of Environmental Pollutants in and Around the City of Lahore, Pakistan. II. Concentrations of Cadmium in Blood of Different Groups of People Science of the Total Environment, 92, v119, p169

Natural Radioactivity from the Building Materials Used in Islamabad and Rawalpindi, Pakistan Science of the Total Environment, 92, v121, p283

Natural Radioactivity in the Ceramics Used in Dwellings as Construction Material

Science of the Total Environment, Dec 92, v127, n3, p243

Soil Salinity Assessment by Electromagnetic Induction of Irrigated Land *Soil Science Society of America Journal*, Nov/Dec 92, v56, n6, p1933

Panama

The Effect of Leaf Litter on Early Seedling Establishment in a Tropical Forest

Ecology, Feb 92, v73, n1, p68

Nest Predation and Differential Insular Extinction Among Selected Forest Birds of Central Panama Ecology, Dec 92, v73, n6, p2310

Population Dynamics of a Free-Living kCoral: Recruitment, Growth and Survivorship of *Manicina areolata* (Linnaeus) on the Caribbean Coast of Panama

Journal of Experimental Marine

Biology and Ecology, 92, v164, n2, p171

Pennsylvania

Investigation of a Reported Cluster of Bladder Cancer Cases in the Pottstown/Phoenixville Area of Pennsylvania Archives of Environmental Health, July/Aug 92, v47, n4, p285

Heavy Metal and Hydrocarbon Residues in Tissue and Blood of Beef Steers Bedded on Waste Newspapers Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p18

Mixotrophic Algae in Three Ice-Covered Lakes of the Pocono Mountains, USA. Freshwater Biology, Oct 92, v28, n2, p263

Identifying Potential Pollutant Point Sources in an Area of High Ground Water Consumption Ground Water Monitoring Review, Spring 92, v12, n2, p116

Growth Response of Four Species of Eastern Hardwood Tree Seedlings Exposed to Ozone, Acidic Precipitation, and Sulfur Dioxide Journal of the Air and Waste Management Association, Mar 92, v42, n3, p309

Ground and Aerial Survey of a Peninsular Landfill Water Research, Apr 92, v26, n4, p519

Pennsylvania, Allentown

Selective Alum Recovery from Clarifier Sludge American Water Works Association Journal, Jan 92, v84, n1, p96

Respirometric Investigation of Activated Sludge Bioinhibition by Cobalt/Manganese Catalyst "Proceedings of the 46th Industrial Waste Conference," 1991, p659

Pennsylvania, Appalachian Mountains

Water Chemistry and Fish Community Responses to Episodic Stream Acidification in Pennsylvania, USA *Environmental Pollution*, 92, v78, n1-3, p45

Pennsylvania, Central

Abundance, Body Composition and Reproductive Output of *Gammarus minus* (Crustacea: Amphipoda) in Ten Cold Springs Differing in pH and Ionic Content *Freshwater Biology*, Oct 92, v28, n2, p149

Pennsylvania, Ephrata

Effects of Nutrient Management on Nitrate Levels in Ground Water Near Ephrata, Pennsylvania *Ground Water*, Sep-Oct 92, v30, n5, p720

Pennsylvania, North Central

Forest Health Along a Wet Sulfate/ pH Deposition Gradient in North-Central Pennsylvania Environmental Toxicology and Chemistry, 92, v11, n8, p1095

Pennsylvania, Philadelphia

Assessing the Quality of Flavor Profile Analysis American Water Works Association Journal, June 92, v84, n6, p89

Cucumber Flavor in Philadelphia's Drinking Water American Water Works Association Journal, Aug 92, v84, n8, p92

Pennsylvania, Pittsburgh

Flue Gas NO_x Reduction Using Ammonia Radical Injection Journal of the Air and Waste Management Association, Sept 92, v42, n9, p1193

Pennsylvania, Southeastern

Effects of Storm Patterns on Runoff Hydrographs Water Resources Bulletin, May-June 92, v28, n3, p569

Pennsylvania, Susquehanna River

Predation on Recently Released Larval American Shad in the Susquehanna River Basin North American Journal of Fisheries Management, Summer 92, v12, n3, p504

Pennsylvania, Uniontown

Personal Exposures to Acid Aerosols and Ammonia *Environmental Science and Technology*, Dec 92, v26, n12, p2507

Peru

Sand-Colored Nighthawks Parasitize the Antipredator Behavior of Three Nesting Bird Species *Ecology*, June 92, v73, n3, p785

Philippines

Air Quality in Metropolitan Manila: Inferences from a Questionable Data Set

Atmospheric Environment, 92, v26A, n15, p2673

Trace Metal Levels and Speciation in Sediments of Some Philippine Natural Waters

Science of the Total Environment, 92, v125. p345

Poland

The Effect of Environmental Factors on Survival of Grey Partridge (*Perdix perdix*) Chicks in Poland During 1987-89

Journal of Applied Ecology, 92, v29, n3, p745

Wroclaw, Poland: Efforts Toward a Sustainable Future Journal of Environmental Health, May/Jun 92, v54, n6, p8

Factor Analysis of Total Element Concentrations in Surface Soils of Poland

Science of the Total Environment, 92, v121, p39

Baseline Concentrations of As, Ba, Be, Li, Nb, Sr and V in Surface Soils of Poland

Science of the Total Environment, 92, v122, n3, p279

Geographic Origin of *Pinus sylvestris* Populations Influences the Effects of Air Pollution on Flowering and Growth

Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p201

Humus Degradation Under the Influence of Simulated 'Acid Rain' Water, Air, and Soil Pollution, May 92, v63, n1,2, p51

Changing a Great City in Eastern Europe - Cracow: Environmental Changes

Water Resources Bulletin, Mar-Apr 92, v28, n2, p343

Portugal

The Ichthyofauna and Abiotic Hydrological Environment of the Ria de Aveiro, Portugal Estuaries, Sep 92, v15, n3, p403

Sediments and Aquatic Mosses as Pollution Indicators for Heavy Metals in the Ave River Basin (Portugal) Science of the Total Environment, 92, v114, p7

Analytical Study of the Weathering of the Jeronimos Monastery in Lisbon *Science of the Total Environment*, June 92, v120, n3, p225

Puerto Rico

Heavy Metal and Selenium Levels in Young Cattle Egrets from Nesting Colonies in the Northeastern United States, Puerto Rico, and Egypt Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p435 Immediate Impact of Hurricane Hugo on a Puerto Rican Rain Forest *Ecology*, Apr 92, v73, n2, p691

Dominance of *Tilapia mossambica*, an Introduced Fish Species in Three Puerto Rico Estuaries

Estuaries, June 92, v15, n2, p239

Pattern of Reproduction and Recruitment in Two Sicyoniid Shrimp Species (Decapoda: Penaeoidea) from a Tropical Seagrass Habitat *Journal of Experimental Marine Biology and Ecology*, 92, v161, n2, p223

Neobenedenia pargueraensis N. Sp. (Monogenea: Capsalidae) from the Red Hind, Epinephelus guttatus, and Comments About Neobenedenia Melleni
Journal of Parasitology, June 92, v78, n3, p399

Exposure Assessment for Heavy Metal Ingestion from a Sport Fish in Puerto, Rico: Estimating Risk for Local Fisherman Journal of Toxicology and Environmental Health, 92, v36, n4, p355

Red Sea

Settlement and Metamorphosis Specificity of *Lithophaga simplex* Iredale (Bivalvia:Mytilidae) on Red Sea Corals Journal of Experimental Marine

Biology and Ecology, 92, v162, n2, p243

The Level of Heavy Metals in the Red Sea after 50 Years Science of the Total Environment, 92, v125, p417

Rhode Island

Nitrate Dynamics in Riparian Forests: Groundwater Studies Journal of Environmental Quality, Oct-Dec 92, v21, n4, p659

Reviving Rhode Island's Urban Erosion Control Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p31

Rhode Island, Charlestown

Nutrient and Microbial Movement from Seasonally-Used Septic Systems

Journal of Environmental Health, Sep/Oct 92, v55, n2, p5

Rhode Island, Narragansett

The Relatioship Between Ozone and Regional Tracers in Rural Rhode Island

Atmospheric Environment, 92, v26A, n4, p725

Mapping of Benthic Enrichment Patterns in Narragansett Bay, Rhode Island

Estuaries, Mar 92, v15, n1, p1

Body Size and Egg Production in the Marine Copepod *Acartia hudsonica* During a Winter-Spring Diatom Bloom in Narragansett Bay *Limnology and Oceanography*, Mar 92, v37, n2, p342

Seasonal Changes in Size Frequency Distribution and Estimated Age in the Marine Copepod Arcartia hudsonica During A Winter-Spring Diatom Bloom in Narragansett Bay Limnology and Oceanography, Mar 92, v37, n2, p379

Working with Local Governments to Enhance the Effectiveness of a Baywide Critical Area Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p175

Russia

Levels of Dioxins, Dibenzofurans and Selected Other Chlorinated Organic Compounds in Food from Russia *Chemosphere*, Dec 92, v25, n12, p2009

Lake Acidity and Mercury Content of Fish in Darwin National Reserve, Russia *Environmental Pollution*, 92, v78, n1-3, p107

Evidence for Facilitation and Inhibition of Ciliate Population Growth by Meiofauna and Macrofauna on a Temperate Zone Sandflat *Journal of Experimental Marine*

Biology and Ecology, 92, v155, n1, p27

Automated Operation of Pumping Stations in Soviet Union Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p555

Rwanda

An Analysis of Factors Associated with Yields of Climbing Beans and Irish Potatoes in the Northern Highlands of Rwanda Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p337

St. Lawrence, Gulf of

The Phosphorus Cycle in Coastal Marine Sediments Limnology and Oceanography, Sep 92, v37, n6, p1129

Sardinia

Study of the Saltwater Pond at Capoterra, Southern Sardinia: General Characteristics Environmental Management, May/ June 92, v16, n3, p381

Saudi Arabia

Radioactivity Concentration in Soil in Jeddah Area, Saudi Arabia Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p105

Radiation Dose Assessment from Ingestion Pathway in Saudi Arabia Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1045

Inter-City Comparison of Metals in Scalp Hair Collected After the Gulf War 1991

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1415

Drawdown Distribution Around a Large Diameter Well with Nonlinear Groundwater Flow Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1817

Surface and Subsurface Drainage of Metropolitan City in Arid Zone Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p19

Vehicle Occupant Exposure to Carbon Monoxide Journal of the Air and Waste Management Association, Dec 92, v42, n12, p1603

Water Use in Saudi Arabia: Problems and Policy Implications

Journal of Water Resources Planning and Management, Jan/Feb 92, v118, n1, p107

Ultra-Violet Absorption as a Tracing Technique for Sewage Dispersion and Water Masses in Two Red Sea Coastal Lagoons in Jeddah Water Research, Feb 92, v26, n2, p151

Saudi Arabia, Arabian Gulf

Monsoon Cloudwater Chemistry on the Arabian Peninsula Atmospheric Environment, 92, v26A, n9, p1583

Effectiveness of a Bioremediation Product in Degrading the Oil Spilled in the 1991 Arabian Gulf War Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p787

Zero-Discharge Direct-Contact Freezing/Solar Evaporator Desalination Complex Desalination, Feb 92, v85, n2, p179

Electrochemical Behaviour of Al-Brass in Natural Seawater Desalination, Mar 92, v85, n3, p275

Bioaccumulation of Nickel and Vanadium by Clams (*Meretrix meretrix*) Living in Different Salinities Along the Saudi Coast of the Arabian Gulf *Environmental Pollution*, 92, v76, n3, p225

Scandinavia

Lake Productivity and Water Chemistry as Governors of the Uptake of Persistent Pollutants in Fish *Environmental Science and Technology*, Feb 92, v26, n2, p346

Natural Radiation—A Perspective to Radiological Risk Factors of Nuclear Energy Production Science of the Total Environment, 92, v114, p99

Singapore

Lagrangian Transport of Suspended Pollutants in Johor Strait by a Finite Element Eulerian Model Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1371

Slovenia

Mercury Levels in Dental Surgeries and Dental Personnel in Slovenia *Chemosphere*, June 92, v24, n12, p1731

Alpha Scintillation Cell for Direct Measurement of Indoor Radon Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1535

South Africa

Determining Optimal Clearing Treatments for the Alien Invasive Shrub Acacia saligna in the Southwestern Cape, South Africa Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p169

Lead Reduction of Petrol and Blood Lead Concentration in Athletes Archives of Environmental Health, Mar/Apr 92, v47, n2, p139

Atrazine in Ground and Surface Water in Maize Production Areas of the Transvaal, South Africa Chemosphere, Aug 92, v25, n3, p335

Ant-Herbivore Interactions: Reasons for the Absence of Benefits to a Fern with Foliar Nectaries *Ecology*, Dec 92, v73, n6, p2167

The Influence of Upwelling and Short-Term Changes in Concentrations of Nutrients in the Water Column on Fluxes Across the Surface of a Salt Marsh Estuaries, Mar 92, v15, n1, p68

Interpreting Bird Atlas Data Using Logistic Models: An Example from Lesotho, Southern Africa *Journal of Applied Ecology*, 92, v29, n1, p55

Effects of Elephants and Goats on the Kaffrarian Succulent Thicket of the Eastern Cape. South Africa *Journal of Applied Ecology*, 92, v29, n3, p699

Commercial Exploitation of Natural Vegetation: An Exploratory Model for Management of the Wildflower Industry in the Fynbos Biome of the Cape, South Africa Journal of Environmental Management, May 92, v35, n1, p13

The Influence of Agriculture on the West Coast Remosterveld, South-Western Cape, South Africa *Journal of Environmental Management*, July 92, v35, n3, p173

Feeding and Assimilation to Mangrove Leaves by the Crab Sesarma meinerti de Man in Relation to Leaf-Litter Production in Mgazana, a Warm-Temperate Southern African Mangrove Swamp Journal of Experimental Marine Biology and Ecology, 92, v157, n1, p41

Vertical Distribution and Diel Vertical Migration of Calanoides carinatus (Kroyer, 1849) Developmental Stages in the Southern Benguela Upwelling Region Journal of Experimental Marine Biology and Ecology, 92, v158, n1, p123

Speciation as an Aid to Understanding the Chemistry of Water Treatment

Journal of the Institution of Water and Environmental Management, 92, v6, n3, p351

Monitoring of Air for Microbial and Metal Contamination at Selected Sites in the Vicinity of Johannesburg, South Africa Science of the Total Environment, 92, v116, n1,2, p159

Pesticide Exposure and Cholinesterase Levels Among Farm Workers in the Republic of South Africa *Science of the Total Environment*, 92, v122, n3, p315

South Carolina

Competitive Exclusion of Sulfate Reduction by Fe(III)-Reducing Bacteria: A Mechanism for Producing Discrete Zones of High-Iron Ground Water Ground Water, Jan-Feb 92, v30, n1, p29

The Bly Creek Ecosystem Study - Organic Carbon Transport within a Euhaline Salt Marsh basin, North Inlet, South Carolina Journal of Experimental Marine Biology and Ecology, 92, v163, n1, p125

In Situ Metabolism of an Oyster Reef Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p147

Efficacy of Triploid Grass Carp in Controlling Nuisance Aquatic Vegetation in South Carolina Farm Ponds

North American Journal of Fisheries Management, Summer 92, v12, n3, p581

Loblolly Pine Seed Sources Differ in Susceptibility to the Southern Pine Beetle in South Carolina Southern Journal of Applied Forestry, Nov 92, v16, n4, p169

South Carolina, Aiken

Chlorine-36 Releases from the Savannah River Site Nuclear Fuel Reprocessing Facilities *Ground Water*, July-Aug 92, v30, n4, p539

Soil Carbon, Nitrogen, and Fine Root Biomass Sampling in a Pine Stand Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1945 Chlorination and Dechlorination of Nuclear Reactor Cooling Water Water Research, Apr 92, v26, n4, p539

South Carolina, Allendale

Procedures for Sampling Deep Subsurface Microbial Communities in Unconsolidated Sediments Ground Water Monitoring Review, Winter 92, v12, n1, p96

South Carolina, Georgetown County

A Forced Gradient Tracer Experiment in a Coastal Sandy Aquifer, Georgetown Site, South Carolina *Ground Water*, Nov-Dec 92, v30, n6, p958

The Relative Importance of Biotic and Abiotic Vectors in Nutrient Transport *Estuaries*, June 92, v15, n2, p147

South Carolina, North Charleston

Influence of Environmentl Factors on Denitrification in Sediment Contaminated with JP-4 Jet Fuel *Ground Water*, Nov-Dec 92, v30, n6, p843

South Dakota

Oakwood Lakes/Poinsett Rural Clean Water Program in South Dakota: Lessons Learned "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p40

Evaluation of Site-Specific Ground Water Quality Data "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p145

South Dakota, Black Hills

Straight-Line Intercept Method in Aquifer Volume Calculations *Ground Water*, July-Aug 92, v30, n4, p569

South Dakota, Madison

Topsoil Depth and Desurfacing Effects on Properties and Productivity of a Typic Argiustoll
Soil Science Society of America
Journal, Jan-Feb 92, v56, n1, p220

South Dakota, Western

Straight-Line Intercept Method in Aquifer Volume Calculations *Ground Water*, July-Aug 92, v30, n4, p569

South Pole

A Comparison of Major Chemical Species Seasonal Concentration and Accumulation at the South Pole and Summit, Greenland Atmospheric Environment, 92, v26A, n11, p2045

Spain

Ozone Effects on Watermelon Plants at the Ebro Delta (Spain) Symptomatology Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p41

Bioassay-Directed Chemical Characterization of Genotoxic Agents in the Dissolved and Particulate Water Phases of the Besos and Llobregat Rivers (Barcelona, Spain)

Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p19

A Five-Year Climatology of Back-Trajectories from the Izana Baseline Station, Tenerife, Canary Islands Atmospheric Environment, 92, v26A, n6, p1081

Experimental Study of the Scavenging Process by Means of a Sequential Precipitation Collector, Preliminary Results

Atmospheric Environment, 92, v26A, n13, p2437

Mutagenicity-Carcinogenicity as Related to Teratogenic Activity Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p275

Total Mercury and Methylmercury in Hair, Maternal and Umbilical Blood and Placenta from Women in the Seville Area Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p494

Organochlorine Residues in Human Adipose Tissue of the Population of Zaragoza (Spain) Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p561

Organochlorine Pollutants in Water, Soils and Earthworms in the Guadalquivir River, Spain Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p192

Change in Environmental Stability and the Use of Resources on Small Islands: The Case of Formentera, Balearic Islands, Spain Environmental Management, Sept/ Oct 92, v16, n5, p575

Treatment of Wastewater Effluents with Phillipsite-Rich Tuffs Environmental Pollution, 92, v76, n3, p219

Bioassay-Directed Chemical Analysis of Genotoxic Components in Coastal Sediments Environmental Science and Technology, Apr 92, v26, n4, p817

Effects of Forest Spraying with Two Application Rates of Cypermethrin on Food Supply and on Breeding Success of the Blue Tit (Parus caeruleus) Environmental Toxicology and Chemistry, 92, v11, n9, p1271

Hydrogeological Investigation of Hydrocarbon Contamination of Ground Water in Albolote (Granada, Spain) Ground Water Monitoring Review,

Ground Water Monitoring Review, Summer 92, v12, n3, p188

The Use of Multivariate Analysis for the Ecological Characterization of Landscape: the Mula River Watershed, South-East Spain Journal of Environmental Management, Apr 92, v34, n4, p297

Prediction of Potential Submerged Vegetation in a Silted Coastal Marsh, Albufera of Majorca, Balearic Islands Journal of Environmental Management, May 92, v35, n1, p1 Heavy Metals in Marine Species from the Tarragona Coast, Spain Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1939

Lipid Composition of Cysts of the Brine Shrimp Artemia sp. from Spanish Populations Journal of Experimental Marine Biology and Ecology, 92, v155, n1, p123

Influence of Seasonal Environmental Changes on the Gamete Production and Biochemical Composition of Crassostrea gigas (Thunberg) in Suspended Culture in El Grove, Galacia, Spain Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p249

Interannual Growth Differences in the Oceanic Squid *Todarodes angolensis* Adam in the Northern Benguela Upwelling System, Based on Statolith Growth Increment Analysis *Journal of Experimental Marine Biology and Ecology*, 92, v159, n2, p157

Interactions Between Mesograzers Inhabiting Fucus vesiculosus in Northern Spain Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p97

The Influence of Temperature on Seasonal Variation of Caulerpa prolifera (Forsskal) Lamouroux Photosynthesis and Respiration Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p199

Salinity of Rivers: Transfer Function-Noise Approach Journal of Irrigation and Drainage Engineering, May/June 92, v118, n3, p343

Some Environmental Aspects of the Management of Water Supplies for the Region of Madrid *Journal of the Institution of Water and Environmental Management*, Mar 92, p101

Groundwater Pollution in Spain: General Aspects Journal of the Institution of Water and Environmental Management, 92, v6, n4, p452

Geochemical Prospection of Cadmium in a High Incidence Area of Prostate Cancer, Sierra deGata, Salamanca, Spain

Science of the Total Environment, 92, v116, n3, p243

Lead Concentration and d-Aminolevulinic Acid Dehydratase Activity in the Blood of the General Population of Tarragona Province, Spain Science of the Total Environment, 92, v116, n3, p253

Applications of Pyrolysis-Gas Chromatography/Mass Spectometry to the Study of Humic Substances; Evidence of Aliphatic Biopolymers in Sedimentary and Terrestrial Humic Acids Science of the Total Environment, May 92, v117/118, p13

Structural Characteristics and Geochemical Significance of Humic Acids Isolated from Three Spanish Lignite Deposits Science of the Total Environment, May 92, v117/118, p335

Adsorption of Chlorpyrifos on Almeria Soils Science of the Total Environment, 92, v123/124, p541

Soil Adsorption of Diuron: Influence of NH₄Cl and Organic Matter Additions

Science of the Total Environment, 92, v123/124, p551

Influence of pH on the Elimination of Fecal Coliform Bacteria in Waste Stabilization Ponds *Water, Air, and Soil Pollution, July* 92, v63, n3,4, p317

Temporal and Spatial Variations in Dominance, Diversity and Biotic Indices Along a Limestone Stream Receiving a Trout Farm Effluent Water, Air, and Soil Pollution, July 92, v63, n3,4, p343

Organochlorinated Compunds and Selected Metals in Waters and Soils from Doñana National Park Spain Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p293

Effect of Different Factors on the Die-Off of Fecal Bacteria in a Stabilization Pond Purification Plant Water Research, Aug 92, v26, n8, p1093

Optimizing the Probabilities of Water Yield for the Ridaura Aquifer (Spain) Water Resources Bulletin, Mar-Apr 92, v28, n2, p337

Sri Lanka

The Use and Performance of Collector Wells Within the Regolith Aquifer of Sri Lanka *Ground Water*, Sep-Oct 92, v30, n5, p683

Phosphorus Fractions and Availability in Sri Lankan Alfisols Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1510

Phosphorus Sorption and Uptake from Sri Lankan Alfisols Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1516

Sudan

Alluvial Canals Adequacy Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p543

Nutritional Quality of Uncultivated Cereal Grains Utilised As Famine Foods in Western Sudan as Measured by Chemical Analysis Journal of the Science of Food and Agriculture, 92, v58, n3, p417

Size-Differentiated Composition of Aerosol in Khartoum, Sudan *Science of the Total Environment*, June 92, v120, n3, p281

Sweden

Aircraft Noise Annoyance and Average Versus Maximum Noise Levels Archives of Environmental Health, Sep/Oct 92, v47, n5, p326 Measurement of Aliphatic Amines in Ambient Air and Rainwater Chemosphere, May 92, v24, n10, p1533

Dioxin Destruction in Catalysts for NO_x-Reduction (SCR-DENO_x) *Chemosphere*, July 92, v25, n1,2, p135

Formation and Degradation of Chlorinated Aromatic Compounds in an Air Pollution Control Device for MSW Combustor Chemosphere, July 92, v25, n1,2, p139

Volatile Hazardous Hydrocarbons in a Scandinavian Urban Road Tunnel Chemosphere, Sept 92, v25, n5, p691

Corvid Density and Nest Predation in Relation to Forest Fragmentation: a Landscape Perspective Ecology, June 92, v73, n3, p794

A Demographic Study of Two Populations of the Seaweed Ascophyllum nodosum Ecology, Aug 92, v73, n4, p1473

Size-Based Demography of the Seaweed *Ascophyllum nodosum* in Stochastic Environments *Ecology*, Aug 92, v73, n4, p1488

Flux Estimates and Pattern Recognition of Particulate Polycyclic Aromatic Hydrocarbons, Polychlorinated Dibenzo-p-Dioxins, and Dibenzofurans in the Waters Outside Various Emission Sources on the Swedish Baltic Coast Environmental Science and Technology, July 92, v27, n7, p1444

Extracts from Settling Particulate Matter Collected in the Stockholm Archipelago Waters: Embryolethality, Immunotoxicity and EROD-Inducing Potency of Fractions Containing Aliphatics/Monoaromatics, Diaromatics or Polyaromatics Environmental Toxicology and Chemistry, 92, v11, n10, p1441

Decline of Charophytes During Eutrophication: Comparison with Angiosperms Freshwater Biology, Aug 92, v28, n1, p9 Long- and Short-Term Dynamics of Submerged Macrophyes in Two Shallow Eutrophic Lakes Freshwater Biology, Aug 92, v28, n1, p15

Effects of Artificial Liming on Land Snail Populations *Journal of Applied Ecology*, 92, v29, n1, p50

Non-Point Source Water Pollution Management: Improving Decision-Making Information Through Water Quality Monitoring Journal of Environmental Management, Jan 92, v34, n1, p15

Identification and Control of Contact Dermatitis from Polyfunctional Acrylic Monomers in Five Swedish Furniture Companies Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1925

Zooplankton Feeding Ecology: Grazing During Enclosure Studies of Phytoplanton Blooms from the West Coast of Sweden Journal of Experimental Marine Biology and Ecology, 92, v157, n1, p19

Seasonal Variations of Biogenic and Anthropogenic Halocarbons in Seawater from a Coastal Site Linmology and Oceanography, Sep 92, v37, n7, p1579

Influence of Zeolite on the Availability of Radiocaesium in Soil to Plants *Science of the Total Environment*, Mar 92, v113, n3, p287

Radiocesium in Muscle Tissue of Reindeer and Pike from Northern Sweden Before and After the Chernobyl Accident. A Retrospective Study on Tissue Samples from the Swedish Environmental Specimen Bank Science of the Total Environment, 92, v115, n3, p179

Arsenic Introduced into a Littoral Freshwater Model Ecosystem *Science of the Total Environment*, 92, v115, n3, p219

Relationship between Total Dissolved Organic Carbon and SO₄⁻² in Soil and Waters Science of the Total Environment, May 92, v117/118, p449

Speciation of Copper in Soil Solutions from Podzols and Cambisols of S. Sweden *Water, Air, and Soil Pollution, Mar* 92, v62, n1,2, p111

Speciation and Mobilization of Aluminum and Cadmium in Podzols and Cambisols of S. Sweden Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p125

Calculating Critical Loads of Acid Deposition with Profile - A Steady-State Soil Chemistry Model Water, Air, and Soil Pollution, May 92, v63, n1,2, p119

Changes Since 1950 of Mineral Pools in the Upper C-Horizon of Swedish Deciduous Forest Soils *Water, Air, and Soil Pollution,* Sep 92, v64, n3,4 p495

Transit Times of Water in Soil Lysimeters from Modeling of Oxygen-18 Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p83

Ordination of Profundal Zoobenthos Along a Trace Metal Pollution Gradient in Northern Sweden Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p339

Effects of Copper, Cadmium, Lead and Zinc on Nitrate Reduction in a Synthetic Water Medium and Lake Water from Northern Sweden Water Research, Mar 92, v26, n3, p355

Switzerland

Volatile Organic Compounds and Some Very Volatile Organic Compounds in New and Recently Renovated Buildings in Switzerland Atmospheric Environment, 92, v26A, n12, p2219 Elevated Levels of Organotins in Lake Geneva: Bivalves as Sentinel Organisms

Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p37

Polychlorinated Dibenzo-p-dioxins (PCDDs) and Polychlorinated Dibensofurans (PCDFs) in Cow's Milk from Switzerland *Chemosphere*, Apr 92, v24, n8, p1013

PCDDs and PCDFs in Soil Samples from Switzerland *Chemosphere*, Apr 92, v24, n8, p1095

Surface Tension of Wastewater Samples Measured by the Drop Volume Method Environmental Science and Technology, May 92, v26, n5, p1036

Reversal of Eutrophication in Lake Geneva: Evidence from Oligochaete Communities Freshwater Biology, Oct 92, v28, n2, p145

The Chromium Cycle in a Seasonally Anoxic Lake *Limnology and Oceanography*, Mar 92, v37, n2, p315

Observations of the Second Vertical Mode of the Internal Seiche in an Alpine Lake *Limnology and Oceanography*, Dec 92, v37, n8, p1705

Impact Assessment of Urban Waste Processing Systems Using a Multibox Model

Water, Air, and Soil Pollution, May 92, v63, n1,2, p155

Taiwan

Children's Classroom Behavior and Lead in Taiwan Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p282

Levels of PCBs, PCDDs and PCDFs in Soil Samples from Incineration Sites for Metal Reclamation in Taiwan Chemosphere, May 92, v24, n11, p1669 An Experimental Validation for SAGE's Value Assessment Procedures

Journal of Environmental Management, Apr 92, v34, n4, p267

Nitrogen Fixation (Acetylene Reduction) Associated with the Zoanthid Palythoa tuberculosa Esper Journal of Experimental Marine Biology and Ecology, 92, v163, n1, p31

Studies of Soil Organic Matter Dynamics Using Natural Carbon Isotopes Science of the Total Environment, May 92, v117/118, p305

Relationships Among the Species of Copper, Organic Compounds and Bioaccumulation Along the Mariculture Area in Taiwan

Science of the Total Environment, 92, v125, p359

Tanzania

Laboratory-Simulated Grazing: Interactive Effects of Defoliation and Canopy Closure on Serengeti Grasses *Ecology*, Feb 92, v73, n1, p170

Influence of Livestock Grazing on Range Condition in South-West Masailand, Northern Tanzania Journal of Applied Ecology, 92, v29, n3, p581

Pilot Waste-Stabilization Pond in Tanzania Journal of Environmental Engineering, Mar/Apr 92, v118, n2, p286

Tasmania

The Management Implications of Fine Fuel Dynamics in Bushlands Surrounding Hobart, Tasmania *Journal of Environmental Management*, Dec 92, v36, n4, p301

Levels of Heavy Metals in Dated Sediments from Lindisfarne Bay, Derwent Estuary, Tasmania Science of the Total Environment, 92, v125, p253

Tennessee, Eastern

Concentration and Deposition of Particles and Vapors in a Vertical

Profile Through a Forest Canopy *Atmospheric Environment*, 92, v26A, n8, p1469

Air Pollution and Daily Mortality: Associations with Particulates and Acid Aerosols *Environmental Research*, Dec 92, v59, n2, p362

Unsteady Ground-Water Flow Toward Extended Wells Ground Water, Jan-Feb 92, v30, n1, p61

Regulation of Nutrient Concentrations in a Temperate Forest Stream: Roles of Upland, Riparian, and Instream Processes

Limnology and Oceanography, Sep 92, v37, n7, p1512

Recycling Electroplating Rinsewater Using Ion Exchange and Carbon Adsorption "Proceedings of the 46th Industrial Waste Conference," 1991, p479

Tennessee, Knoxville

Application of DNA Probes to Analysis of Bacteriophage Distribution Patterns in the Environment Applied and Environmental Microbiology, June 92, v58, n6, p2046

Tennessee, North Reelfoot Creek

Modeling of Best Management Practices on North Reelfoot Creek, Tennessee Water Environment Research, 92, v64, n3, p241

Tennessee, Oak Ridge

Subterranean Transport of Radon and Elevated Indoor Radon in Hilly Karst Terrains

Atmospheric Environment, 92, v26A, n12, p2237

Fate and Biological Effects of Contaminated Vegetation in a Tennessee Stream Environmental Toxicology and Chemistry, 92, v11, n5, p653 Hydrograph Analysis in a Fractured Rock Terrane *Ground Water*, May-June 92, v30, n3, p390

Aquifer Analysis and Modeling in a Fractured, Heterogeneous Medium *Ground Water*, July-Aug 92, v30, n4, p589

Effect of Chemical Form of Mercury on the Performance of Dosed Soils in Standard Leaching Protocols: EP and TCLP

Hazardous Waste and Hazardous Materials, Summer 92, v9, n3, p275

A Portable System for Prediction of a Transient Plume Journal of the Air and Waste Management Association, Apr 92, v42, n4, p433

Three-Year Growth Responses of *Pinus taeda* L. to Simulated Rain Chemistry, Soil Magnesium Status, and Ozone *Water, Air, and Soil Pollution*, May 92, v63, n1,2, p105

Assessing the Performance of In Situ Soil Venting Systems by Soil Sampling and Volatile Organic Compound Measurements "Proceedings of the Symposium on Soil Venting," 1991, p147

Tennessee, Tullahoma

Interactions Between Potassium and Sulfur Species in a Coal-Fired Magnetohydrodynamics System Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1466

Tennessee. Western

Riparian Vegetation Recovery Patterns Following Stream Channelization: A Geomorphic Perspective *Ecology*, Aug 92, v73, n4, p1209

Texas

Factor Analysis of Trends in Texas Acidic Deposition Atmospheric Environment, 92, v26A, n6, p1137 The Effect of Freshwater Inflow on Meiofaunal and Macrofaunal Populations in the Guadalupe and Nueces Estuaries

Estuaries, Sep 92, v15, n3, p307

Field Determination of Geological/ Chemical Properties of an Aquifer by Cone Penetrometry and Headspace Analysis

Ground Water, May-June 92, v30, n3, p428

Deterministic Signals in Oklahoma and Texas Precipitation Records Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p803

Geographic Information Systems as a Tool in Water Use Data Management Water Resources Bulletin, Mar-Apr 92, v28, n2, p331

A Geographical Analysis of Water-Related Constitutional Amendments in Texas, 1985-1991 Water Resources Bulletin, May-June 92, v28, n3, p495

Texas, Austin

Water Demand Monitoring in Austin, Texas

American Water Works Association Journal, Oct 92, v84, n10, p52

Texas, Central

Environmental Management of Oak Wilt Disease in Central Texas Environmental Management, May/ June 92, v16, n3, p323

Texas, Colorado River

The Clean Colorado Project and Urban Nonpoint Source Pollution Control: The LCRA Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p167

Texas, Denton

n2, p237

External Biomarkers to Assess Chromium Toxicity in Adult Lepomis macrochirus Bulletin of Environmental Contamination and Toxicology. Feb 92, v48,

Texas, Eastern

Extreme Cyclomorphosis in *Daphnia* lumholtzi Freshwater Biology, Oct 92, v28, n2, p257

Development of a Provisional Tree Quality Index for Planted Loblolly Pines in East Texas Southern Journal of Applied Forestry, May 92, v16, n2, p106

Texas, Fort Worth

Replacement of Halogenated Solvent Degreasing with Regenerable Aqueous Cleaners "Proceedings of the 46th Industrial Waste Conference," 1991, p851

Texas, Galveston Bay

Dispersion of the Salt-Marsh Periwinkle *Littoraria irrorata:* Effects of Water Level, Size and Season *Estuaries*, June 92, v15, n2, p246

Attraction of Postlarval Penaeus aztecus Ives and P. setiferus (l.) (Crustacea: Decapods: Penaeidae) to Estuarine Water in a Laminar-Flow Choice Chamber Journal of Experimental Marine Biology and Ecology, 92, v156, n1, p39

Occurrence of Agglutinins in the Pallial Cavity Mucus of Oysters Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p1

Texas, Houston

Storage Coefficients and Vertical Hydraulic Conductivities in Aquitards Using Extensometer and Hydrograph Data Ground Water, Sep-Oct 92, v30, n5, p701

Texas, Lake Arlington

Direct and Indirect Evidence of Size-Selective Grazing on Pelagic Bacteria by Freshwater Nanoflagellates Applied and Environmental Microbiology, Nov 92, v58, n11, p3715

Texas, Lubbock

Spatial Variability of Evaporation Along Two Transects of a Bare Soil Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p341

Evaporation from Ridge-Tilled Soil Covered with Herbicide-Killed Winter Wheat Soil Science Society of America Journal, July/Aug 92, v56, n4, p1278

Texas, Paris

Effects of Waste-Water Irrigation on Aqueous Geochemistry Near Paris, Texas

Ground Water, Sep-Oct 92, v30, n5, p709

Texas, Pecos

Infiltration in Response to Water Quality, Tillage, and Gypsum Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p261

Texas, Port Aransas

Bioluminescence of Heterotrophic Dinoflagellates from Texas Coastal Waters

Journal of Experimental Marine Biology and Ecology, 92, v159, n1, p37

Texas, Seadrift

Bench-Scale Evaluation of the Activated Sludge Process for Treatment of a High-Strength Chemical Plant Wastewater "Proceedings of the 46th Industrial Waste Conference," 1991, p163

Texas, Upper Trinity River

Computing the Risks Associated with Wasteload Allocation Modeling Water Resources Bulletin, Sep/Oct 92, v28, n5, p903

Texas, Western

Selective-Placement Burial of Drilling Fluids: II. Effects on Buffalo-grass and Fourwing Saltbush Journal of Environmental Quality, Jan-Mar 92, v21, n1, p140

Thailand

Design and Operation of On-Farm Irrigation Ponds Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v118, n5, p659

Interactive Multiobjective Analysis Embedding the Decision Maker's Implicit Preference Function Water Resources Bulletin, Jan-Feb 92, v28, n1, p75

Trinidad

Nonlethal Impacts of Predator Invasion: Faculative Suppression of Growth and Reproduction *Ecology*, June 92, v73, n3, p959

Mycoflora and Mycotoxin-Producing Potential of Fungi from Poultry Feeds and Feed Ingredients in Trinidad Journal of the Science of Food and Agriculture, 92, v60, n3, p283

Turkey

Effect of Public Opinion on National Park Planning in Turkey: A Case Study

Environmental Management, May/ June 92, v16, n3, p355

Water Quality Monitoring Network Design: A Problem of Multi-Objective Decision Making Water Resources Bulletin, Jan-Feb 92, v28, n1, p179

New Approaches in the Treatment of Paper Industry Sludges "Proceedings of the 46th Industrial Waste Conference," 1991, p811

United Kingdom

Phaseolus vulgaris and Ozone: Results from Open-Top Chamber Experiments in France and England Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p31

Responses of Auchenorhyncha (Homoptera) to Fertiliser and Liming Treatments at Park Grass, Rothamsted

Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p263

Nitrous and Nitric Acid Measurements at Sites in South-East England *Atmospheric Environment*, 92, v26A, n2, p235

Orograhic Rainfall Enhancement in the Mountains of the Lake District and Snowdonia Atmospheric Environment, Feb 92, v26A, n3, p357

Trace Elements in Snow Samples from the Scottish Highlands: Sources and Dissolved/Particulate Distributions

Atmospheric Environment, Feb 92, v26A, n3, p393

An Improved Wet Deposition Map of the United Kingdom Incorporating the Seeder-Feeder Effect Over Mountainous Terrain Atmospheric Environment, 92, v26A, n8, p1375

A Field Comparison of Dust Deposit Gauge Performance at Two Sites in Yorkshire, 1987-1989 Atmospheric Environment, 92, v26A, n8, p1445

Measurements of Wind Speed and Plume Rise with a Rapid-Scanning Lidar Atmospheric Environment, 92, v26A, n9, p1675

Processes Affecting Concentrations of Aerosol Strong Acidity at Sites in Eastern England Atmospheric Environment, 92, v26A, n13, p2389

Cluster Analysis: A Technique for Estimating the Synoptic Meteorological Controls on Air and Precipitation Chemistry - Results from Eskdalemuir, South Scotland *Atmospheric Environment*, 92, v26A, n14, p2583

A Statistical Intercomparison between "Urban" and "Rural" Precipitation Chemistry Data from Greater Manchester and Two Nearby Secondary National Network Sites in the United Kingdom Atmospheric Environment, 92, v26A, n16, p2869

Measurement and Modeling of Cloudwater Deposition to a Snow-Covered Forest Canopy Atmospheric Environment, 92, v26A, n16, p2893

A Qualitative Assessment of the Emission of Non-Methane Hydrocarbon Compounds from the Biosphere to the Atmosphere in the U.K.: Present Knowledge and Uncertainties Atmospheric Environment, 92, v26A, n17, p3069

Modelling and Measurement of the Dispersion of Radioactive Emissions from a Nuclear Fuel Fabrication Plant in the U.K.

Atmospheric Environment, 92, v26A,

n17, p3079

Potential Impact of Watercress Farm Discharges on the Freshwater Amphipod, Gammarus pulex Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p63

Organochlorine Pesticide Residues and PVBs in Otters (*Lutra lutra*) from Ireland *Bulletin of Environmental Contami*nation and Toxicology, Mar 92, v48, n3, p387

Pentachlorophenol in the UK Environment-I. A Budget and Source Inventory *Chemosphere*, Apr 92, v24, n7, p833

Pentachlorophenol in the UK Environment-II. Human Exposure and an Assessment of Pathways *Chemosphere*, Apr 92, v24, n7, p847

Impact of Farm Waste on Freshwater Invertebrate Abundance and the Feeding Rate of *Gammarus pulex* L. *Chemosphere*, Sept 92, v25, n6, p869

Tolerance to SO₂, NO₂, and Their Mixture in *Plantago major* L. Populations (UK) *Environmental Pollution*, 92, v76, n1, p19

Arrested Municipal Solid Waste Incinerator Fly Ash as a Source of Heavy Metals to the UK Environment Environmental Pollution, 92, v76, n1, p79 Bioavailability, Accumulation and Effects of Heavy Metals in Sediments with Special Reference to United Kingdom Estuaries: A Review Environmental Pollution, 92, v76. n2, p89

Microbiological and Chemical Characteristics of an Acidic Stream Draining a Disused Copper Mine Environmental Pollution, 92, v76, n2, p169

Mercury in Flounder (*Platichthys flesus* L.) from Estuaries and Coastal Waters of the North-East Irish Sea *Environmental Pollution*, 92, v75, n3, p317

A Classification of Acidified Catchments in Britain Environmental Pollution, 92, v75, n3, p323

Patterns of Contamination by Organochlorines and Mercury in the Eggs of Two River Passerines in Britain and Ireland with Reference to Individual PCB Congeners Environmental Pollution, 92, v76, n3, p233

Trace Metals in Interstitial Waters from Sandstones: Acidic Inputs to Shallow Groundwaters *Environmental Pollution*, 92, v77, n2,3, p129

Effects of Clearfelling on Stream and Soil Water Aluminium Chemistry in Three UK Forests *Environmental Pollution*, 92, v77, n2,3, p157

Impacts of Afforestation on Water Quality Trends in Two Catchments in Mid-Wales *Environmental Pollution*, 92, v77, n2,3, p167

An Application and Review of the Critical Load Concept to the Soils of Northern England *Environmental Pollution*, 92, v77, n2,3, p205

Reversibility of Lake Acidification at the Round Loch of Glenhead, Galloway, Scotland Environmental Pollution, 92, v77, n2,3, p219 Predicting Stream-Water Quality Using Catchment and Soil Chemical Characteristics Environmental Pollution, 92, v77, n2,3, p263

A Review of the Likely Causal Pathways Relating the Reduced Density of Breeding Dippers *Cinclus cinclus* to the Acidification of Upland Streams *Environmental Pollution*, 92, v78, n1-3, p49

Acid Waters in Upland Wales: Causes, Effects and Remedies Environmental Pollution, 92, v78, n1-3, p141

The Effect of Liming Agricultural Land on the Chemistry and Biology of the River Esk, Northwest England Environmental Pollution, 92, v78, n1-3, p179

The Effect of Heavy Metals on Dinitrogen Fixation by Rhizobium-White Clover in a Range of Long-Term Sewage Sludge-Amended and Metal-Contaminated Soils Environmental Pollution, 92, v79, n2, p105

Long-Term Trends in Organochlorine and Mercury Residues in Some Predatory Birds in Britain Environmental Pollution, 92, v79, n2, p143

Historical Inputs of Polychlorinated Biphenyls and Other Organochlorines to a Dated Lacustrine Sediment Core in Rural England Environmental Science and Technology, Sep 92, v26, n9, p1815

Behavior of Urban Dust Contaminated by Chernobyl Fallout: Environmental Half-Lives and Transfer Coefficients

Environmental Science and Technology. Nov 92, v26, n11, p2142

A European Perspective on Ecological Risk Assessment, Illustrated by Pesticide Registration Procedures in the United Kingdom Environmental Toxicology and Chemistry, 92, v11, n12, p1673

Carotenoids, Photoprotection and Food Web Links in Lake Baikal Freshwater Biology, Aug 92, v28, n1, p49

Nutrients, Algae and Grazers in Some British Streams of Contrasting pH Freshwater Biology, Oct 92, v28, n2, p173

The Reproductive Success of the Dipper *Cinclus cinclus* in Relation to the Acidity of Streams in South-West Scotland

Freshwater Biology, Oct 92, v28, n2, p195

Distribution and Feeding Behaviour of Field Populations of the Water Cricket *Velia caprai* (Hemiptera) *Freshwater Biology*, Oct 92, v28, n2, p231

The Morphometry and Hydrology of Oak Mere, A Lowland Kataglacial Lake in the North-West Midlands, England

Freshwater Biology, Dec 92, v28, n3, p369

The Effect of Winter Grazing by Barnacle Geese on Grassland Yields on Islay Journal of Applied Ecology, 92, v29, n1, p35

Sources of Variation in Post-Chernobyl Radiocaesium in Fish From Two Cumbrian Lakes (North-West England) Journal of Applied Ecology, 92, v29, n1, p108

Control of Bracken and the Restoration of Heathland. I. Control of Bracken *Journal of Applied Ecology*, 92, v29, n1, p195

Control of Bracken and the Restoration of Heathland. II. Regeneration of the Heathland Community *Journal of Applied Ecology*, 92, v29, n1, p204

Control of Bracken and the Restoration of Heathland. III. Bracken Litter Disturbance and Heathland Restoration

Journal of Applied Ecology, 92, v29, n1, p212

Control of Bracken and the Restoration of Heathland. IV. Effects of Bracken Control and Heathland Restoration Treatments on Nutrient Distribution and Soil Chemistry *Journal of Applied Ecology*, 92, v29, n1, p218

Effects of Pesticides on the Germination of Weed Seeds: Implications for Manipulative Experiments *Journal of Applied Ecology*, 92, v29, n2, p303

Non-Breeders as a Buffer Against Environmental Stress: Declines in Numbers of Great Skuas on Foula, Shetland, and Prediction of Future Recruitment Journal of Applied Ecology, 92, v29,

n2, p341

The Ecological Changes of Breckland Grass Heaths and the Consequences of Management

Journal of Applied Ecology, 92, v29, n2, p402

Recovery of a Sparrowhawk Population in Relation to Declining Pesticide Contamination

Journal of Applied Ecology, 92, v29, n2, p476

Interactions Between White-Breasted Cormorants *Phalacrocorax carbo* (Aves: Phalacrocoracidae) and the Fisheries of Lake Malawi *Journal of Applied Ecology*, 92, v29, n3, p619

A Preliminary Study of Successional Changes in Vegetation and Soil Development on Unamended Fly Ash (PFA) in Southern England *Journal of Applied Ecology*, 92, v29, n3, p728

Valuing Goods' Characteristics: An Application of the Hedonic Price Method to Environmental Attributes *Journal of Environmental Management*, Jan 92, v34, n1, p59

Farm Woodland Policy: An Assessment of the Response to the Farm Woodland Scheme in Northern Ireland

Journal of Environmental Management, Mar 92, v34, n3, p197

Environmental Effects of Land Use Change, As Identified by Habitat Recording: A Case Study in the Llyn Peninsula, Wales Journal of Environmental Management, June 92, v35, n2, p131

An Investigation of the Potential for Landscape Ecology to Act as a Basis for Rural Land Use Plans Journal of Environmental Management, Aug 92, v35, n4, p281

Classification and Prediction of Grassland Habitats Using Ground Beetles (Coleoptera, Carabidae) Journal of Environmental Management, Aug 92, v35, n4, p301

Dynamics of Land Use in Great Britain Journal of Environmental Management, Oct 92, v36, n2, p117

An Insect Bioassay Method to Determine Persistence of *Bacillus* thuringiensis Var. Kurstaki (B.T.K.) Protein in Oak Foliage, Following Application of a Commercial Formulation Under Field and Laboratory Conditions

Journal of Environmental Science and Health—Pesticides, Food Contaminants and Agricultural Wastes, 92, vB27, n1, p73

The Behavioural Ecology of Epibenthic Scavenging Invertebrates in the Clyde Sea Area: Laboratory Experiments on Attractions to Bait in Moving Water, Underwater TV Observations In Situ and General Conclusions

Journal of Experimental Marine Biology and Ecology, 92, v159, n1,

The Sensitivity of Several Ordination Methods to Sample Replication in Benthic Surveys Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p221

p15

Brooding in the Intertidal Barnacles Chthamalus stellatus (Poli) and Chthamalus montagui Southward in South-Western Ireland Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p135

The History of Air Pollution in York, England

Journal of the Air and Waste Management Association, Dec 92, v42, n12, p1562

Use of the Streaming Current Detector at Langsett Water-Treatment Works

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p1

The Protection of Urban Groundwater from Pollution

Journal of the Institution of Water

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p28

Environmental Control Measures at Greengairs Landfill Site Journal of the Institution of Water and Environmental Management, 92, v6, n1, p38

Assessment and Control of Farm Pollution

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p48

Measurements of Head Variations Within Observation Boreholes and Their Implications for Groundwater Monitoring

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p91

The Development of a Brush Clarifier for the Tertiary Treatment of Sewage Effluents

Journal of the Institution of Water and Environmental Management, 92, v6, n2, p130

Phosphate Reduction in Sewage Effluents: Some Practical Experiences

Journal of the Institution of Water and Environmental Management, 92, v6, n2, p158

Hydrology of Pesticides in a Chalk Catchment: Groundwaters Journal of the Institution of Water and Environmental Management, 92. v6, n2, p172

Groundwater Protection in the United Kingdom: Assessment of the Landfill Leachate Source-Term Journal of the Institution of Water and Environmental Management, 92, v6, n2, p229

Developments in Sewage Sludge Processing Journal of the Institution of Water and Environmental Management, 92, v6, n3, p249

Plumbosolvency Effects and Control in Hard Waters

Journal of the Institution of Water and Environmental Management, 92, v6, n3, p259

The Control and Monitoring of Discharges by Biological Techniques Journal of the Institution of Water and Environmental Management, 92, v6, n3, p269

Water Quality and Management Strategies in London's Docklands Journal of the Institution of Water and Environmental Management, 92, v6, n3, p288

Leachate Collection, Treatment and Disposal Journal of the Institution of Water and Environmental Management, 92, v6, n3, p321

The UK's Environmental Strategy and Its Likely Impact Journal of the Institution of Water and Environmental Management, Mar 92, p13

Water Resources and Management in the Republic of Ireland Journal of the Institution of Water and Environmental Management, Mar 92, p89

Practical Aspects of Yield Investigations of Groundwater Sources Journal of the Institution of Water and Environmental Management, 92, v6, n4, p397

Overview of Clean-Up Methods for Contaminated Sites Journal of the Institution of Water and Environmental Management, 92, v6, n4, p408

Reservior Sedimentation and Colour Problems in Southern Pennine Reservoirs Journal of the Institution of Water and Environmental Management, 92, v6, n4, p418

Impacts of Climatic Change on River Flow Regimes in the UK Journal of the Institution of Water and Environmental Management, 92, v6, n4, p432

Contamination of the Chalk Aquifer by Chlorinated Solvents: A Case Study of the Luton and Dunstable Area

Journal of the Institution of Water and Environmental Management, 92, v6, n5, p541

Sewage Sludge Disposal in the UK: A New Challenge for the Next Twenty Years Journal of the Institution of Water and Environmental Management, 92, v6, n5, p551

Controlling Diffuse Pollution of Groundwater from Agriculture and Industry Journal of the Institution of Water and Environmental Management, 92, v6, n5, p569

Health-Risks Assessment of Dinghy Sailing in Avon and Exposure to Cyanobacteria (Blue-Green Algae) Journal of the Institution of Water and Environmental Management, 92, v6, n5, p613

Upgrading of Sewerage Assets to Comply with New Legislation: A Lothian Regional Viewpoint Journal of the Institution of Water and Environmental Management, 92, v6, n6, p641

Fluvial Redistribution of Chernobyl Fallout: Reservoir Evidence in the Severn Basin

Journal of the Institution of Water and Environmental Management, 92, v6, n6, p659

The Impact of the EC Urban Waste Water Treatment Directive Journal of the Institution of Water and Environmental Management, 92, v6, n6, p675

Impact in Scotland of UK and EC Sewage Legislation Journal of the Institution of Water and Environmental Management, 92, v6, n6, p682

Environmental Auditing in the Public Sector: The Lancashire Experience Journal of the Institution of Water and Environmental Management, 92, v6, n6, p690

A Survey of Cryptosporidium Oocysts in Surface and Groundwaters in the UK Journal of the Institution of Water and Environmental Management, 92, v6, n6, p697

Grassland Fertilisers—Practices for the 1990s Journal of the Science of Food and Agriculture, 92, v60, n3, p397

Investigations into the Chemical Forms of ²³⁹Pu in a West Cumbrian Saltmarsh Soil Radiolabelled by an Environmental Process *Science of the Total Environment*, 92, v114, p215

Short-Term Variations in Rain and Stream Water Conductivity at a Forested Site in Mid-Wales— Implications for Water Movement Science of the Total Environment, 92, v119, p1

The Recovery of a Sewage Sludge Dumping Ground: Trace Metal Geochemistry in the Sediment Science of the Total Environment, 92, v119, p57

Effects of Sewage Sludge Disposal on the Sediment at the Garroch Head Dump Site, Firth of Clyde, Scotland Science of the Total Environment, 92, v119, p133

The Transport and Fluvial Redistribution of Chernobyl-Derived Radiocaesium within the River Wye Basin, UK Science of the Total Environment, 92, v121, p109

The Impact of Conifer Harvesting on Stream Water ph, Alkalinity and Aluminium Concentrations for the British Uplands: An Example for an Acidic and Acid Sensitive Catchment in Mid-Wales
Science of the Total Environment,
Sep 92, v126, n1,2, p75

A Source Inventory and Budget for Chlorinated Dioxins and Furans in the United Kingdom Environment *Science of the Total Environment*, Sep 92, v126, n1,2, p89

Towards Modelling the Impact of Climate Change and Deforestation on Stream Water Quality in Amazonia: A Perspective Based on the MAGIC Model

Science of the Total Environment, Dec 92, v127, n3, p225

Inter-Relationships between Soil Properties and the Uptake of Cadmium, Copper, Lead and Zinc from Contaminated Soils by Radish (Raphanus sativus L.)

Water, Air, and Soil Pollution, July 92, v63, n3,4, p331

Relationship Between Fluoride Contents and Loss of Lichens Near an Aluminium Works Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p503

Organochlorine Pesticide and PCB Contents in Otter (*Lutra lutra*) Scats from Western Scotland *Water, Air, and Soil Pollution*, Sep 92, v64, n3,4 p617

A Comparison Between Wet and Bulk Deposition at an Urban Site in the UK

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p635

Evaluation of Different Bacteriophage Groups as Faecal Indicators in Contaminated Natural Waters in Southern England *Water Research*, Mar 92, v26, n3, p267

A Phosphorus Loading Model for Northern Irish Lakes Water Research, May 92, v26, n5, p633

The Effects of Afforestation on Upland Plant Communities: An Application of the British National Vegetation Classification *Journal of Applied Ecology*, 92, v29, n1, p180

Creation and Management of Artificial Nesting Sites for Wetland Birds Journal of Environmental Management, Apr 92, v34, n4, p285

United States

A Current Look at the Federal Drinking Water Regulations American Water Works Association Journal, Mar 92, v84, n3, p36

National Survey of Drinking Water Standards and Guidelines for Chemical Contaminants American Water Works Association Journal, Mar 92, v84, n3, p72

Outbreaks of Waterborne Disease in the United States: 1989-90 American Water Works Association Journal, Apr 92, v84, n4, p129

Survey of Toxicants and Nutrients in Composted Waste Materials Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p190

Prevalence of Asbestos in Composted Waste from 26 Communities in the United States

Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p266

Effect of Low-Level Body Burdens of Lead on the Mental Development of Children: Limitations of Meta-Analysis in a Review of Longitudinal Data

Archives of Environmental Health, Sep/Oct 92, v47, n5, p336

Trends Analysis of Vegetation Exposure Indices in Rural Areas of the United States Atmospheric Environment, 92, v26A, n6. p1121

On the Preparation of Environmental Impact Statements in the United States of America Atmospheric Environment, 92, v26A, n15, p2759

Exposures and Risks of Dioxin in the U.S. Food Supply *Chemosphere*, July 92, v25, n1,2, p235

Serum Levels of PCDDs and PCDFs Among Workers Exposed to 2,3,7,8-TCDD Contaminated Chemicals *Chemosphere*, July 92, v25, n1,2, p251

Persistence of Chlorinated Dioxins and Furans in the Soil Environment *Chemosphere*, Oct-Nov 92, v 25, n7-10, p1469

The Puraq Seawater Desalination Process - An Update Desalination, Mar 92, v85, n3, p345

Sources of Acidity in Lakes and Streams of the United States *Environmental Pollution*, 92, v77, n2,3, p115

Percentage of Lifetime Spent in Area of Residence at Time of Death *Environmental Research*, Apr 92, v57, n2, p208

Perspective. Defining Lead as the Premiere Environmental Health Issue for Children in America: Criteria and Their Quantitative Application Environmental Research, Dec 92, v59, n2, p281

Report Card: U.S. Undergraduate Environmental Education Environmental Science and Technology, Jan 92, v26, n1, p34

Phenoxyalkanoic Acid Herbicides in Municipal Landfill Leachates Environmental Science and Technology, Mar 92, v26, n3, p517

Analyte Stability Studies Conducted During the National Pesticide Survey Environmental Science and Technology, May 92, v26, n5, p921

Evidence for Rapid, Nonbiological Degradation of Tributyltin Compounds in Autoclaved and Heat-Treated Fine-Grained Sediments *Environmental Science and Technology*, July 92, v26, n7, p1382

Evaluation of EPA's Rapid Bioassessment Benthic Metrics: Metric Redundancy and Variability Among Reference Stream Sites Environmental Toxicology and Chemistry, 92, v11, n4, p437 A Framework for Ecological Risk Assessment at the EPA Environmental Toxicology and Chemistry, 92, v11, n12, p1663

Common Sense in Ground-Water Protection and Management in the United States Ground Water, Nov-Dec 92, v30, n6, p867

Optimal Locations of Monitoring Stations in Water Distribution System Journal of Environmental Engineering, Jan-Feb 92, v118, n1, p4

Environmental Health Survey Journal of Environmental Health, Jan/Feb 92, v54, n4, p36

Rural American Indian Injury Patterns Journal of Environmental Health, May/June 92, v54, n6, p22

Foodborne Disease: Investigative Procedures and Economic Assessment

Journal of Environmental Health,

Sep/Oct 92, v55, n2, p24
Informal Conferences Offer Non-Adversarial Approach to the Resolu-

tion of Non-Critical Retail Food Code

Journal of Environmental Health, Sep/Oct 92, v55, n2, p36

Violations

Determining Target Cleanup Levels: A Risk Assessment-Based Decision Process for Contaminated Sites Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p843

Microbiology of Rainwater Cistern Systems: A Review Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2123

Isolation of *Toxoplasma gondii* from a Naturally Infected Beef Cow *Journal of Parasitology*, Feb 92, v78, n1, p151

Classifying Remotely Sensed Data for Use in an Agricultural Nonpoint-Source Pollution Model Journal of Soil and Water Conservation, Mar-Apr 92, v47, n2, p179 The Behavior of Arsenic in a Rotary Kiln Incinerator Journal of the Air and Waste Management Association, Feb 92, v42, n2, p179

Steam Stripping and Batch Distillation for the Removal and/or Recovery of Volatile Organic Compounds from Industrial Wastes

Journal of the Air and Waste Management Association, July 92, v42, n7, p936

Control Technologies for Remediation of Contaminated Soil and Waste Deposits at Superfund Lead Battery Recycling Sites

Journal of the Air and Waste Management Association, July 92, v42, n7, p970

The OTC Challenge: Adding VOC and NO Controls in the Northeast Journal of the Air and Waste Management Association, Aug 92, v42, n8, p1053

Ozone Control Strategies Based on the Ratio of Volatile Organic Compounds to Nitrogen Oxides Journal of the Air and Waste Management Association, Sep 92, v42, n9, p1173

The Potential of Pulse-Jet Baghouses for Utility Boilers. Part 2: Performance of Pulse-Jet Fabric Filter Pilot Plants

Journal of the Air and Waste Management Association, Sept 92, v42, n9, p1240

Measurements of VOCs from the TAMS Network Journal of the Air and Waste Management Association, Oct 92, V42, n10, p1319

Pilot-Scale Evaluation of an Incinerability Ranking System for Hazardous Organic Compounds Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1430

Review of the Allergic Contact Dermatitis Hazard Posed by Chromium-Contaminated Soil: Identifying a "Safe" Concentration Journal of Toxicology and Environmental Health, 92, v37, n1, p177 Selected Pesticide Residues and Metabolites in Urine from a Survey of the USA General Population Journal of Toxicology and Environmental Health, 92, v37, n2, p277

Mutagens in Urine Sampled Repetitively from Municipal Refuse Incinerator Workers and Water Treatment Workers

Journal of Toxicology and Environmental Health, 92, v37, n4, p483

Programs of Safety Surveillance and Control of Fishery Products Regulatory Toxicology and Pharmacology, Feb 92, v15, n1, p14

International Cancer Risk Assessment: The Impact of Biologic Mechanisms

Regulatory Toxicology and Pharmacology, Feb 92, v15, n1, p41

Distribution and Expected Time of Residence for U.S. Households Risk Analysis, Mar 92, v12, n1, p65

Bivariate Distributions for Height and Weight of Men and Women in the United States *Risk Analysis*, June 92, v12, n2, p267

Comparison of Soil Fulvic Acids Using Synchronous Scan Fluorescence Spectroscopy, FTIR, Titration and Metal Complexation Kinetics Science of the Total Environment, Mar 92, v113, n1,2, p179

Organic and Inorganic Anion Effects on Reference and Soil Clay Critical Flocculation Concentration Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1762

Erosion Effects on Soil Water Storage, Plant Water Uptake, and Corn Growth Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1911

Estimation of S and NO_x-N Deposition Budgets for the United States and Canada Water, Air, and Soil Pollution, July 92, v63, n3,4, p211

Forestry Opportunities in the United States to Mitigate the Effects of Global Warming

Water, Air, and Soil Pollution, Aug 92, v64, n1,2, p157

Seasalt and Pollution Inputs Over the Continental United States Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p561

Inorganic and Organic Sulfur Profiles in Nine *Sphagnum* Peat Bogs in the United States and Czechoslovakia *Water, Air, and Soil Pollution*, Nov 92, v65, n3,4, p371

Constructed Wetland Design—The First Generation Water Environment Research, 92, v64, n6, p776

Experimental Evaluation of Multiple Criteria Decision Models for Application to Water Resources Planning Water Resources Bulletin, Jan-Feb 92, v28, n1, p89

EPA's Approach to Development of LDR Standards for Contaminated Soil and Debris "Proceedings of the 46th Industrial Waste Conference," 1991, p1

Treatment of Metal-Containing Wastewaters by Carbon Adsorption of Metal-Chelate Complexes "Proceedings of the 46th Industrial Waste Conference," 1991, p563

Pretreatment of Rotogravure Plating Wastewater
"Proceedings of the 46th Industrial

Waste Conference," 1991, p577

Comparative Performance of Conventional, Anoxic, Aerobic and Anoxic-Anaerobic-Aerobic Treatment
Processes for Biological Nutrient
Removal

"Proceedings of the 46th Industrial Waste Conference," 1991, p641

Municipal Solid Waste Landfill Leachate Treatment with a Pilot-Scale, Hybrid Upflow Anaerobic Sludge Bed Filter Reactor, Emphasizing Inorganic Solids Development "Proceedings of the 46th Industrial Waste Conference," 1991, p773

Remediation of Leaking USTS on Native American Lands "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p194

United States, Eastern

Reductive Debromination of the Commercial Polybrominated Biphenyl Mixture Firemaster BP6 by Anaerobic Microorganisms from Sediments

Applied and Environmental Microbiology, Oct 92, v58, n10, p3249

Analysis of Wet Deposition in the Eastern United States Atmospheric Environment, Feb 92, v26A, n3, p465

Regional Analysis of Cloud Chemistry at High Elevations in the Eastern United States

Atmospheric Environment, 92, v26A, n11, p2001

Production of Antibacterial Substances by Macroalgae of the New York/New Jersey Coast Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p743

Sensitivity to Change for Low-ANC Eastern US Lakes and Streams and Brook Trout Populations Under Alternative Sulfate Deposition Scenarios *Environmental Pollution*, 92, v77, n2,3, p269

Sensitivity of Acid Production/ Deposition to Emission Reductions Environmental Science and Technology, Apr 92, v26, n4, p715

Vitellogenin in Winter Flounder (*Pleuronectes americanus*) from Long Island Sound and Boston Harbor *Estuaries*, Sep 92, v15, n3, p289

Indirect Effect of Fish on Foraging Behaviour and Leaf Processing by the Isopod *Lirceus fontinalis* Freshwater Biology, Feb 92, v27, n1, p91

Soil Chemistry and Nutrition of North American Spruce-Fir Stands: Evidence for Recent Change Journal of Environmental Quality, Jan-Mar 92, v21, n1, p12 Water Table Management in the Eastern Coastal Plain Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p47

Water Table Management for Field-Sized Areas in the Atlantic Coastal Plain

Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p52

Statistical Analysis of Trends in Urban Ozone Air Quality Journal of the Air and Waste Management Association, Sep 92, v42, n9, p1204

Effects of Genotype on the Response of Populus Tremuloides Michx. to Ozone and Nitrogen Deposition Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p189

Genetic Implications in the Decline of Red Spruce Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p233

Development and Evaluation of a Dimensionless Unit Hydrograph Water Resources Bulletin, Mar-Apr 92, v28, n2, p397

United States, Midwestern

Removal of Atrazine from Drinking Water by Ozonation American Water Works Association Journal, Sep 92, v84, n9, p91

Petroleum Contamination of an Elementary School: A Case History Involving Air, Soil-Gas, and Groundwater Monitoring Environmental Science and Technology, Jan 92, v26, n1, p185

A Reconnaissance Study of Herbicides and their Metabolites in Surface Water of the Midwestern United States Using Immunoassay and Gas Chromatography/Mass Spectrometry Environmental Science and Technology, Dec 92, v26, n12, p2440

United States, North Central

Productivity Index Model Comparison for Selected Soils in North Central United States

Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p491

Carbon Storage in Upland Forests of the Lake States

Soil Science Society of America Journal, May-June 92, v56, n3, p935

United States, Northeastern

Research and Extension Efforts for Improving Agricultural Sustainability in the North Central and Northeastern United States

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p101

Removing Natural Organic Matter by Conventional Slow Sand Filtration American Water Works Association Journal, May 92, v84, n5, p80

Heavy Metal and Selenium Levels in Young Cattle Egrets from Nesting Colonies in the Northeastern United States, Puerto Rico, and Egypt Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p435

Experimental Assessment of Gull Predation on the Jonah Crab Cancer borealis (Stimpson) in New England Rocky Intertidal and Shallow Subtidal Zones Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p275

Evaluation of Direct/Delayed Response Project Soil Sampling Classes: Northeastern United States Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p177

Water-Use Efficiency of Grasses as Affected by Soil, Nitrogen and Temperature Soil Science Society of America Journal, May-June 92, v56, n3, p897

Phosphorus Availability to Corn from Wood Ash-Amended Soils Water, Air, and Soil Pollution, Sep 92, v64, n3,4, p475

United States, Northwestern

Effects of Antibacterial Agents on In Vitro Ovine Ruminal Biotransformation of the Hepatotoxic Pyrrolizidine Alkaloid Jacobine

Applied and Environmental Microbiology, Aug 92, v58, n8, p2559

Trends and Patterns in Section 404 Permitting Requiring Compensatory Mitigation in Oregon and Washington, USA

Environmental Management, Jan/Feb 92, v16, n1, p109

Incidence and Causes of Physical Failure of Artificial Habitat Structures in Streams of Western Oregon and Washington North American Journal of Fisheries Management, Winter 92, v12, n1, p182

Accuracy of Underwater Counts of Juvenile Chinook Salmon, Coho Salmon, and Steelhead North American Journal of Fisheries Management, Summer 92, v12, n3, p598

The Application of NMR to Organic Matter Inputs and Processes in Forest Ecosystems of the Pacific Northwest *Science of the Total Environment*, Mar 92, v113, n1,2, p107

Implications of a Drawdown of the Snake—996 9-Columbia River on Barge Transportation *Water Resources Bulletin*, July-Aug 92, v28, n4, p673

United States, Ouachita Mountains

Basal Area and Volume Development of Natural Even-Aged Shortleaf Pine Stands in the Ouachita Mountains Southern Journal of Applied Forestry, Feb 92, v16, n1, p30

United States, Southeastern

The Application of Three-Mode Factor Analysis (TMFA) to Receptor Modeling of SCENES Particle Data Atmospheric Environment, 92, v26A, n9, p1701

An Example of the Identification of Diazinon as a Primary Toxicant in an Effluent

Environmental Toxicology and Chemistry, 92, v11, n2, p209

Implications of Physiological Responses to Chronic Air Pollution for Forest Decline in the Southeastern United States Environmental Toxicology and Chemistry, 92, v11, n8, p1105

Impact of Ozone on Loblolly Pine Seedling Foliage Production and Retention

Environmental Toxicology and Chemistry, 92, v11, n8, p1115

The Effects of Stream Acidity on Benthic Invertebrate Communities in the Southeastern United States Freshwater Biology, Apr 92, v27, n2, p193

Gender Bias in the Environmental Health Profession Journal of Environmental Health, May/Jun 92, v54, n6, p15

Evaluating Performance of Regional Wildlife Habitat Models: Implications to Resource Planning Journal of Environmental Management, Jan 92, v34, n1, p31

Deterministic Signals in Southeast United States Precipitation Data Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p827

Water Table Management on a Watershed Scale Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p58

Soil and Crop Management Aspects of Water Table Control Practices Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p71

Physical, Chemical and Sensory Characteristics of Japanese-Type Plums Grown in Georgia and Alabama Journal of the Science of Food and Agriculture, 92, v60, n3, p339

Influence of Oxalae Loading on Phosphorus and Aluminum Solubility in Spodosols Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p290

Liming Double-Cropped Ryegrass and Sorghum

Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p155

Costs of Protecting Water Quality During Harvesting on Private Forestlands in the Southeast Southern Journal of Applied Forestry, Feb 92, v16, n1, p13

Growth and Wood Properties in a Carolina Sandhills Pine Seed Source Study

Southern Journal of Applied Forestry, Nov 92, v16, n4, p164

Ozone, Acidic Precipitation, and Soil Mg, Impacts on Soil and Loblolly Pine Seeding Nutrient Status after Three Growing Seasons *Water, Air, and Soil Pollution*, July 92, v63, n3,4, p281

United States, Southern

Airborne Laser: A Tool to Study Landscape Surface Features Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p104

Economics of Direct Seeding and Planting for Establishing Oak Stands on Old-Field Sites in the South Southern Journal of Applied Forestry, Feb 92, v16, n1, p34

A Thinned/Unthinned Loblolly Pine Growth and Yield Simulator for Planted Cutover Site-Prepared Land in the Mid-Gulf South Southern Journal of Applied Forestry, May 92, v16, n2, p70

United States, Southwestern

A Case Study of Pollutant Transport from Los Angeles to the Desert South-West Atmospheric Environment, 92, v26A, n2, p243

The Transport of Bioavailable Phosphorus in Agricultural Runoff Journal of Environmental Quality, Jan-Mar 92, v21, n1, p30

Water Quality Characteristics Associated with Southern Plains Grasslands Journal of Environmental Quality, Oct-Dec 92, v21, n4, p595

United States, Western

Diminished Effects of El Chichón on Stratospheric Aerosols, Early 1984 to Late 1986 Atmospheric Environment, 92, v26A, n16, p2947

Unusual Persistence of DDT in Some Western USA Soils Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p259

Cross-Boundary Issues for National Parks: What Works "On the Ground" Environmental Management, Nov/ Dec 92, v16, n6, p799

Unconfined Compressive Strength of Some Steambank Soils with Herbaceous Roots

Soil Science Society of America

Journal, Nov/Dec 92, v56, n6, p1920

Biotreatment of Contaminated Groundwater with High Organics and Salinity Contents "Proceedings of the 46th Industrial Waste Conference," 1991, p75

Utah

Elementary School Absences and PM₁₀ Pollution in Utah Valley *Environmental Research*, Aug 92, v58, n2, p204

Irrigation Land Management Model Journal of Irrigation and Drainage Engineering, Nov/Dec 92, v118, n6, p928

Utah, Logan

Soil Water and Crop Yield Spatial Variability Induced by Irrigation Nonuniformity Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p226

Utah, North Central

Daily Mortality and PM₁₀ Pollution in Utah Valley *Archives of Environmental Health*, May/June 92, v47, n3, p211

Utah, Salt Lake City

Two U.S. EPA Bioremediation Field Initiative Studies: Evaluation of In-Situ Bioventing "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p118

Utah, Wasatch Range

The Use of Solute and Isotopic Chemistry to Identify Flow Patterns and Factors Which Limit Acid Mine Drainage in the Wasatch Range, Utah *Ground Water*, Mar-Apr 92, v30, n2, p243

Venezuela

Gas-and-Aqueous-Phase Formic and Acetic Acids at a Tropical Cloud Forest Site Atmospheric Environment, 92, v26A, n8, p1421

Nitrogen and Phosphorus Fertilization Effects on Venezuelan Montane Forest Trunk Growth and Litterfall *Ecology*, Feb 92, v73, n1, p78

Tropical Avian Phenology in Relation to Abundance and Exploitation of Food Resources *Ecology*, Dec 92, v73, n6, p2295

Recovery of Enteroviruses from Water and Sediments of Lake Maracaibo, Venezuela Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2213

Organophosphorus Pesticide Residues in Some Watercourses from Merida, Venezuela Science of the Total Environment, 92, v114, p195

Vermont

Vegetative Filter Treatment of Dairy Barnyard Runoff in Cold Regions Journal of Environmental Quality, Jan-Mar 92, v21, n1, p40

Use of a Geographic Information System for Selection of Sites for Land Application of Sewage Waste Journal of Soil and Water Conservation, May-June 92, v47, n3, p271 Experimental Influenza Virus Infection, Silicon Dioxide Polymorphs, and Pulmonary Fibrogenesis Journal of Toxicology and Environmental Health, 92, v37, n1, p11

Vermont, Northwestern

Nitrogen Fertilizer and Dairy Manure Effects on Corn Yield and Soil Nitrate

Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p148

Vietnam

Residue Pattern and Dietary Intake of Persistent Organochlorine Compounds in Foodstuffs from Vietnam Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p367

Dioxin and Dibenzofuran Levels in Blood and Adipose Tissue of Vietnamese from Various Locations in Vietnam in Proximity to Agent Orange Spraying Chemosphere, Oct-Nov 92, v25, n7-10, p1123

Virginia

Virginia's First Municipal Reverse Osmosis Facility *Desalination*, Sep 92, v87, n1-3, p181

Evapotranspiration in Tidal Marshes *Estuaries*, Mar 92, v15, n1, p59

Ammonium and Phosphate Dynamics in a Virginia Salt Marsh *Estuaries*, Sep 92, v15, n3, p349

The Relationship between pH and Community Structure of Invertebrates in Streams of the Shenandoah National Park, Virginia, USA. Freshwater Biology. Apr 92, v27, n2, p261

Cost Models for Preliminary Economic Evaluation of Sprinkler Irrigation Systems

Journal of Irrigation and Drainage

Engineering, Sep/Oct 92, v118, n5, p757

Characterization and Genesis of Saprolite Derived from Gneissic Rocks of Virginia Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p531

Virginia, Blacksburg

Fecal Indicator Organisms Below an On-Site Wastewater System with Low Pressure Distribution Water, Air, and Soil Pollution, May 92, v63, n1,2, p201

Virginia, Central

Water-Soluble Primary Amine Compounds in Rural Continental Precipitation Atmospheric Environment, 92, v26A, n6, p1005

Virginia, Chesapeake Bay

Effects of Low Dissolved Oxygen Events on the Macrobenthos of the Lower Chesapeake Bay Estuaries, Sep 92, v15, n3, p384

Enclosure Experiments on Survival and Growth of Black Drum Eggs and Larvae in Lower Chesapeake Bay *Estuaries*, Sep 92, v15, n3, p392

Virginia, Coastal Plain

Lotic Macroinvertebrate Production in Three Dimensions: Channel Surface, Hyporheic, and Floodplain Environments *Ecology*, June 92, v73, n3, p876

Virginia, Elizabeth River

DNA Adducts Dectected in Muskrats by ³²P-postlabeling Analysis Environmental Toxicology and Chemistry, 92, v11, n11, p1605

Virginia, Hampton Roads

Uncertainty and Sediment Quality Assessments: I. Confidence Limits for the Triad Environmental Toxicology and Chemistry, 92, v11, n5, p637

Uncertainty and Sediment Quality Assessments: II. Effects of Correlations Between Contaminants on the Interpretation of Apparent Effects Threshold Data Environmental Toxicology and Chemistry, 92, v11, n5, p645

Virginia, James River

A Rapid Chromatographic Method for Recovery of ¹⁵NO₂-and NO₃-Produced by Nitrification in Aqueous Samples

Limnology and Oceanography, June 92, v37, n4, p900

Virginia, Northern

Radon Remediation Studies in Northern Virginia and Southern Maryland Environmental Toxicology and Chemistry, 92, v11, n4, p481

Virginia, Roanoke

Tagging Diesel and Residential Oil Furnace Emissions in Roanoke, Virginia, with Enriched Isotopes of Samarium

Journal of the Air and Waste Management Association, Aug 92, v42,

Virginia, Southeastern

n8, p1057

A Comparison of Sheared and Sawhead-Felled Stump Heights on Six Nonindustrial Private Timber Sales in Southeastern Virginia Southern Journal of Applied Forestry, Aug 92, v16, n3, p140

Virginia, Southwestern

Physical and Chemical Properties of Coal Refuse from Southwest Virginia Journal of Environmental Quality, Oct-Dec 92, v21, n4, p635

Virginia, Surrey County

Ecology of Invertebrate Predators in a Coastal Plain Stream *Freshwater Biology*, Dec 92, v28, n3, p319

Virginia, Westmoreland County

Identification of Critical Nonpoint Pollution Source Areas Using Geographic Information Systems and Water Quality Modeling Water Resources Bulletin, Sep/Oct 92, v28, n5, p877

Virginia, Yorktown

Conditioning and Dewatering of Anaerobically Designed BPR Sludge Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p642

Washington

Organophosphate Pesticide Exposure in a Group of Washington State Orchard Applicators Environmental Research, Oct 92, v59, n1, p229

Plant-Herbivore Interactions in Streams Near Mount St. Helens Freshwater Biology, Apr 92, v27, n2, p237

Illegal Methamphetamine Drug Laboratories: A New Challenge for Environmental Health Professionals Journal of Environmental Health, Nov/Dec 92, v55, n3, p6

Residential Radon Exposure and Lung Cancer: Evidence of an Inverse Association in Washington State Journal of Environmental Health, Nov/Dec 92, v55, n3, p23

Psoroptes sp. in Two Llamas (Lama glama) in Washington Journal of Parasitology, Feb 92, v78, n1, p153

Development of Cleanup Standards at Superfund Sites: An Evaluation of Consistency Journal of the Air and Waste Man-

agement Association, June 92, v42, n6, p762

Washington, Bellevue

The Stormwater Utility as a Local Regulatory Tool "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p186

Washington, Central

Chemistry of Rime and Snow Collected at a Site in the Central Washington Cascades Environmental Science and Technology, Jan 92, v26, n1, p61

Washington, Dabob Bay

Temporal Variations of ²³⁴Th Activity in the Water Column of Dabob Bay: Particle Scavenging *Limnology and Oceanography*, Mar 92, v37, n2, p296

Sources and Reactivities of Amino Acids in a Coastal Marine Environment Limnology and Oceanography, June 92, v37, n4, p703

Washington, King County

Development of Effective On-Site Sewage Disposal Surveys in King County, Washington Journal of Environmental Health, Mar/Apr 92, v54, n5, p20

Washington, Lake Sammamish

The Cycling of Iron and Manganese in the Water Column of Lake Sammamish, Washington *Limnology and Oceanography*, May 92, v37, n3, p510

The Biogeochemical Cycling of Trace Metals in the Water Column of Lake Sammamish, Washington: Response to Seasonally Anoxic Conditions

Limnology and Oceanography, May 92, v37, n3, p529

Washington, Mount St. Helens

Nitrogenase Activity, Nitrogen Fixation, and Nitrogen Inputs by Lupines at Mount St. Helens Ecology, Feb 92, v73, n1, p87

Washington, Northwestern

Pedogenesis in Outwash and Glacial Marine Drift, Northwestern Washington

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1545

Washington, Puget Sound

Comparison of Growth and Mortality in Juvenile Sand Dollars (*Dendraster excentricus*) as Indicators of Contaminated Marine Sediments *Environmental Toxicology and Chemistry*, 92, v11, n4, p559

Bioindicators of Contaminant Exposure and Sublethal Effects: Studies with Benthic Fish in Puget Sound, Washington Environmental Toxicology and Chemistry, 92, v11, n5, p701

Experiences from Puget Sound "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p131

Washington, Pullman

Precision of the Radiochemical OH Measurement Method Atmospheric Environment, 92, v26A, n11, p2105

Washington, Richland

Rapid Measurement of Low Soil Water Potentials Using A Water Activity Meter Soil Science Society of America Journal, July/Aug 92, v56, n4, p1068

Washington, Seattle

Recent Advances in the Analytical Techniques for the Quantification of Mercury and Mercury Compounds in Different Media

"Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p77

Washington, Southwestern

Biogeochemistry of Adjacent Conifer and Alder-Conifer Stands *Ecology*, Dec 92, v73, n6, p2022

Washington, Spokane

Herbicide Adsorption and Organic Carbon Contents on Adjacent Low-Input Versus Conventional Farms Journal of Environmental Quality, Oct-Dec 92, v21, n4, p546

Washington, Western

Effect of Pesticides on Twospotted Spider Mite (Acari: Tetranychidae) Populations on Red Raspberries in Western Washington Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p159

Adsorption of Carbofuran, Metalaxyl, and Simazine: Koc Evaluation and Relation to Soil Transport

Journal of Environmental Science and Health—Pesticides, Food Contaminants, and Agricultural Wastes, 92, vB27, n5, p565

Benthic Oxygen Fluxes on the Washington Shelf and Slope: A Comparison of In Situ Microelectrode and Chamber Flux Measurements *Limnology and Oceanography*, May 92, v37, n3, p614

Diploptene: An Indicator of Terrigenous Organic Carbon in Washington Coastal Sediments

Limnology and Oceanography, Sep 92, v37, n6, p1290

Washington, D.C.

A Watershed Nitrogen and Phosphorus Balance: The Upper Potomac River Basin *Estuaries*, Mar 92, v15, n1, p83

Summary of the 1991 EPRI/EPA/DOE SO₂ Control Symposium Journal of the Air and Waste Management Association. Aug 92, v42, n8, p1110

West Virginia

Geochemical and Kinetic Evolution of a Karst Flow System: Laurel Creek, West Virginia Ground Water, Mar-Apr 92, v30, n2, p186

Wisconsin

Gastric Cancer Mortality and Nitrate Levels in Wisconsin Drinking Water Archives of Environmental Health, July/Aug 92, v47, n4, p292

Wetland Protection as Land-Use Planning: The Impact of Section 404 in Wisconsin USA Environmental Management, May/ June 92, v16, n3, p345

Efficient Estimation of Temperature Distribution, Heat Storage, Thermocline Migration and Vertical Eddy Conductivities in Stratified Lakes *Freshwater Biology*, June 92, v27, n3, p307

Dependence of Aldicarb Residue Degradation Rates on Groundwater Chemistry in the Wisconsin Central Sands Journal of Environmental Quality, July-Sep 92, v21, n3, p368

Negotiated Compensation for Solid-Waste Disposal Facility Siting: An Analysis of the Wisconsin Experience *Risk Analysis*, Dec 92, v12, n4, p505

On-Site Alternatives for Treatment and Disposal Water Environment Research, 92, v64, n4, p386

Wisconsin, Central

Tracer Test Evaluation of a Drainage Ditch Capture Zone Ground Water, Sep-Oct 92, v30, n5, p667

Wisconsin, Door Peninsula

Delivery of Chloride and Nitrate by Ground Water to the Great Lakes: Case Study for the Door Peninsula, Wisconsin *Ground Water*, Nov-Dec 92, v30, n6, p885

Wisconsin, Green Bay

Fish Consumption and Reproductive Outcomes in Green Bay, Wisconsin *Environmental Research*, Oct 92, v59, n1, p189

Wisconsin, Little Rock Lake

Changes in Trace Metal Concentrations in Lake Water and Biota During Experimental Acidification of Little Rock Lake, Wisconsin Environmental Pollution, 92, v78, n1-3, p9

Complex Biological Responses to the Experimental Acidification of Little Rock Lake, Wisconsin, USA *Environmental Pollution*, 92, v78, n1-3, p73

Recent Sulfur Enrichment in the Sediments of Little Rock Lake, Wisconsin Limnology and Oceanography, June 92, v37, n4, p689

Wisconsin, Madison

Partitioning of Elements by Refuse Processing Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p725

Wisconsin, Neenah

Volatile Organic Compounds Measured at a Telephone Switching Center from 5/30/85-12/6/88: A Detailed Case Study Journal of the Air and Waste Management Association, June 92, v42, n6, p792

Wisconsin, North Central

Accumulation of Mercury by Autwuchs in Wisconsin Seepage Lakes: Implications for Monitoring Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p172

Wisconsin, Northeastern

Seasonal Movements of Brown Trout in Northeast Wisconsin North American Journal of Fisheries Management, Summer 92, v12, n3, p433

Wisconsin, Northern

Indirect Effects of Predation in a Freshwater, Benthic Food Chain *Ecology*, Oct 92, v73, n5, p1662

Wisconsin, Southeastern

Carbonate Production and Sediment Transport in a Marl Lake of Southeastern Wisconsin Limnology and Oceanography, Jan 92, v37, n1, p184

Wyoming

Coccidian Assemblages in the Wyoming Ground Squirrel, Spermophilus elegans elegans Journal of Parasitology, Apr 92, v78, n2, p323 High-Stature Grasses for Winter Grazing

Journal of Soil and Water Conservation, May-June 92, v47, n3, p224

Factors Influencing the Size Structure of Brook Trout Populations in Beaver Ponds in Wyoming

North American Journal of Fisheries Management, Winter 92, v12, n1, p118

Wyoming, Casper

Environmental Effects of Saline Oil-Field Discharges on Surface Waters Environmental Toxicology and Chemistry, 92, v11, n8, p1187

Wyoming, Central

GIS-Assisted Regression Analysis to Identify Sources of Selenium in Streams

Water Resources Bulletin, Mar-Apr 92, V28, n2, p315

Wyoming, Southeastern

Factors Influencing the Size Structure of Brook Trout and Brown Trout in Southeastern Wyoming Mountain Streams

North American Journal of Fisheries Management, Winter 92, v12, n1, p109

Wyoming, Southwestern

Vesicular-Arbuscular Mycorrhizal Fungi and Irrigated Mined Land Reclamation in Southwestern Wyoming

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1464

Wyoming, Western

Evaluation of Community and Ecosystem Monitoring Parameters at a High-Elevation, Rocky Mountain Study Site Environmental Toxicology and

Chemistry, 92, v11, n4, p459

Yellowstone National Park

The Ecology of Plants, Large Mammalian Herbivores, and Drought in Yellowstone National Park *Ecology*, Dec 92, v73, n6, p2043

Yugoslavia

Black Carbon in the Atmosphere of Ljubljana During Military Action by the Yugoslav Army in Slovenia Atmospheric Environment, 92, v26A, n4, p735

Environmental Tritium of the Danube Basin in Yugoslavia Environmental Pollution, 92, v77, n1, p23

Zambia

Immediate and Long-Term Effects of Fire and Ash-Fertilization on a Zambian Miombo Woodland Soil Agriculture, Ecosystems and Environment, June 92, v41, n1, p19

Effects of Shoot Mortality on the Early Development of *Afzelia* quanzensis Seedlings Journal of Applied Ecology, 92, v29, n1, p14

A Model of Incentives for the Illegal Exploitation of Black Rhinos and Elephants: Poaching Pays in Luangwa Valley, Zambia Journal of Applied Ecology, 92, v29, n2, p388

Zimbabwe

The Use of Fractals to Assess the Ecological Impact of Increased Cattle Population: Case Study from the Runde Communal Land, Zimbabwe *Journal of Applied Ecology*, 92, v29, n3, p635

Population Biology of the Freshwater Snail *Biomphalaria pfeifferi* in the Zimbabwe Highveld *Journal of Applied Ecology*, 92, v29, n3, p687

Source Index

Agriculture, Ecosystems and Environment

Phaseolus vulgaris and Ozone: Results from Open-Top Chamber Experiments in France and England Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p31

Ozone Effects on Watermelon Plants at the Ebro Delta (Spain) Symptomatology Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p41

Effects of Regional Air Pollution on Crops in Italy
Agriculture, Ecosystems and Environ-

Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p51

Has Inadvertent Selection by Plant Breeders Affected the O₃ Sensitivity of Modern Greek Cultivars of Spring Wheat

Agriculture, Ecosystems and Environment, Jan 92, v38, n1-2, p79

Field Use of Granulosis Virus to Reduce Initial Storage Infestation of the Potato Tuber Moth, *Phthorimaea* operculella (Zeller), in North Africa Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p119

Nutrient and Soil Organic Matter Dynamics Under Shifting Cultivation in Semi-Arid Northeastern Brazil Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p139

Effect of Pesticides on Twospotted Spider Mite (Acari: Tetranychidae) Populations on Red Raspberries in Western Washington Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p159

Sustainable Dryland Cropping in Southern Australia: A Review Agriculture, Ecosystems and Environment, Feb 92, v38, n3, p193

Atmospheric Emissions from Agricultural Burning in California: Determination of Burn Fractions, Distribution Factors, and Crop-Specific Contributions

Agriculture, Ecosystems and Environment, 15 Mar 92, v38, n4, p313

Sustainable Agricultural Development in Latin America: Exploring the

Possibilities

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p1

Agroecological Foundations of Alternative Agriculture in California Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p23

Sustainable and Productive Agricultural Development in China Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p55

Organic Farming in Canada Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p71

The Quest for Sustainable Agriculture: The Current Position in Australia

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p85

Research and Extension Efforts for Improving Agricultural Sustainability in the North Central and Northeastern United States

Agriculture, Ecosystems and Environment, 31 Mar 92, v39, n1-2, p101

Characteristics of the Crop-Paulownia System in China Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p145

Determining Optimal Clearing Treatments for the Alien Invasive Shrub Acacia saligna in the Southwestern Cape, South Africa Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p169

Weed Benefits and Costs in Rice and Wheat Production in India Agriculture, Ecosystems and Environment, Apr 92, v39, n3-4, p235

Irrigation Practices, Herbicide Use and Groundwater Contamination in Citrus Production: A Case Study in California

Agriculture, Ecosystems and Environment, June 92, v41, n1, p1

Immediate and Long-Term Effects of Fire and Ash-Fertilization on a Zambian Miombo Woodland Soil *Agriculture, Ecosystems and Environment,* June 92, v41, n1, p19

Ecosystem Processes and Sustainable Land Use in New Zealand Steeplands Agriculture, Ecosystems and Environment, June 92, v41, n1, p153

Yield Response of Maize to Fertilizers and Manure Under Different Agro-Ecological Conditions in Kenya Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p241

Responses of Auchenorhyncha (Homoptera) to Fertiliser and Liming Treatments at Park Grass, Rothamsted

Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p263

Weed Population Dynamics Under 'Jhum' (Slash and Burn Agriculture) and Terrace Cultivation in Northeast India

Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p285

An Analysis of Factors Associated with Yields of Climbing Beans and Irish Potatoes in the Northern Highlands of Rwanda Agriculture, Ecosystems and Environment, Sep 92, v41, n3-4, p337

American Water Works Association Journal

Removing Color from A Groundwater Source

American Water Works Association

Journal, Jan 92, v84, n1, p79

Selective Alum Recovery from Clarifier Sludge American Water Works Association Journal, Jan 92, v84, n1, p96

A Current Look at the Federal Drinking Water Regulations American Water Works Association Journal, Mar 92, v84, n3, p36

National Survey of Drinking Water Standards and Guidelines for Chemical Contaminants American Water Works Association Journal, Mar 92, v84, n3, p72

Outbreaks of Waterborne Disease in the United States: 1989-90 American Water Works Association Journal, Apr 92, v84, n4, p129 Evaluating the Performance of Biologically Active Rapid Filters American Water Works Association Journal, Apr 92, v84, n4, p136

From Conventional to Biological Removal of Iron and Manganese in France

American Water Works Association Journal, Apr 92, v84, n4, p158

Volunteers Integral to Small System's Success

American Water Works Association Journal, May 92, v84, n5, p56

Pilot Testing a Limestone Contactor in British Columbia American Water Works Association Journal, May 92, v84, n5, p70

Removing Natural Organic Matter by Conventional Slow Sand Filtration American Water Works Association Journal, May 92, v84, n5, p80

Assessing the Quality of Flavor Profile Analysis American Water Works Association Journal, June 92, v84, n6, p89

Comparing Chlorination and Chloramination for Controlling Bacterial Growth American Water Works Association Journal, July 92, v84, n7, p80

Cucumber Flavor in Philadelphia's Drinking Water American Water Works Association Journal, Aug 92, v84, n8, p92

Removal of Atrazine from Drinking Water by Ozonation

American Water Works Association

Journal, Sep 92, v84, n9, p91

Urban Drought Response in Southern California: 1990-91 American Water Works Association Journal, Oct 92, v84, n10, p34

Developing a Long-Term Drought Plan for Phoenix American Water Works Association Journal, Oct 92, v84, n10, p46

Water Demand Monitoring in Austin, Texas American Water Works Association Journal, Oct 92, v84, n10, p52 Optimizing Belt Filter Press Dewatering at the Skinner Filtration Plant American Water Works Association Journal, Nov 92, v84, n11, p47

How Preoxidation Affects Particle Removal During Clarification and Filtration

American Water Works Association Journal, Dec 92, v84, n12, p85

DBP Control by Nanofiltration: Cost and Performance American Water Works Association Journal, Dec 92, v84, n12, p104

Applied and Environmental Microbiology

Examination of Fungi in Domestic Interiors by Using Factor Analysis: Correlations and Associations with Home Factors

Applied and Environmental Microbiology, Jan 92, v58, n1, p181

Interations between Marine Bacteria and Dissolved-Phase and Beached Hydrocarbons after the Exxon Valdez Oil Spill

Applied and Environmental Microbiology, Jan 92, v58, n1, p243

Survival of *Bacillus licheniformis* in Seawater Model Ecosystems *Applied and Environmental Microbiology*, Jan 92, v58, n1, p252

Isolation and Characterization of *Haloanaerobacter chitinovorans* gen. nov., sp. nov., a Halophilic, Anaerobic, Chitinolytic Bacterium from a Solar Saltern

Applied and Environmental Microbiology, Jan 92, v58, n1, p260

Denitrification, Dissimilatory Reduction of Nitrate to Ammonium and Nitrification in a Bioturbated Estuarine Sediment as Measured with ¹⁵N and Microsensor Techniques Applied and Environmental Microbiology, Jan 92, v58, n1, p303

Variation in Microbial Biomass and Community Structure in Sediments of Eutrophic Bays as Determined by Phospholipid Ester-Linked Fatty Acids

Applied and Environmental Microbiology, Feb 92, v58, n2, p562

Effects of Temperature on Two Psychrophilic Ecotypes of a Heterotrophic Nanoflagellate, Paraphysomonas imperforata Applied and Environmental Microbiology, Feb 92, v58, n2, p593

Microbial Degradation of Toluene under Sulfate-Reducing Conditions and the Influence of Iron on the Process

Applied and Environmental Microbiology, Mar 92, v58, n3, p786

Anaerobic Degradation of Toluene and Xylene by Aquifer Microorganisms under Sulfate-Reducing Conditions

Applied and Environmental Microbiology, Mar 92, v58, n3, p794

Detection of the Light Organ Symbiont, Vibrio fischeri, in Hawaiian Seawater by Using lux Gene Probes Applied and Environmental Microbiology, Mar 92, v58, n3, p942

Anaerobic Dechlorination of Polychlorobiphenyls (Aroclor 1242) by Pasteurized and Ethanol-Treated Microorganisms from Sediments Applied and Environmental Microbiology, Apr 92, v58, n4, p1110

Glyphosate Degradation by Immobilized Bacteria: Field Studies with Industrial Wastewater Effluent Applied and Environmental Microbiology, Apr 92, v58, n4, p1215

Survival and Function of a Genetically Engineered Pseudomonad in Aquatic Sediment Microcosms

Applied and Environmental Microbiology, Apr 92, v58, n4, p1259

Immunomagnetically Captured Thermophilic Sulfate-Reducing Bacteria from North Sea Oil Field Waters

Applied and Environmental Microbiology, Apr 92, v58, n4, p1244

Effect of Inoculant Strain and Organic Matter Content on Kinetics of 2,4-Dichlorophenoxyacetic Acid Degradation in Soil Applied and Environmental Microbiology, May 92, v58, n5, p1459 Persistence of Vibrio vulnificus in Tissues of Gulf Coast Oysters, Crassostrea virginica, Exposed to Seawater Disinfected with UV Light Applied and Environmental Microbiology, May 92, v58, n5, p1506

Mineralization of Glucose and Lignocellulose by Four Arctic Freshwater Sediments in Response to Nutrient Enrichment Applied and Environmental Microbiology, May 92, v58, n5, p1554

Enumeration of Thiobacilli within pH-Neutral and Acidic Mine Tailings and Their Role in the Development of Secondary Mineral Soil *Applied and Environmental Microbiology*, June 92, v 58, n6, p1904

Application of DNA Probes to Analysis of Bacteriophage Distribution Patterns in the Environment Applied and Environmental Microbiology, June 92, v58, n6, p2046

Biodegradation of Polycyclic Aromatic Hydrocarbons by New Isolates of White Rot Fungi *Applied and Environmental Microbiology*, July 92, v58, n7, p2219

Association of Luminous Bacteria with Artifical and Natural Surfaces in Arabian Gulf Seawater Applied and Environmental Microbiology, July 92, v58, n7, p2341

Long-Term Dosimetry of Solar UV Radiation in Antarctica with Spores of *Bacillus subtilis* Applied and Environmental Microbiology, Aug 92, v58, n8, p2355

Reassessment of the Prevalence of Heat-Stable Enterotoxin (NAG-ST) among Environmental Vibrio cholerae Non-O1 Strains Isolated from Calcutta India, by Using a NAG-ST DNA Probe Applied and Environmental Microbiology, Aug 92, v58, n8, p2485

Isolation and Characterization of a Variety of Microcystins from Seven Strains of the Cyanobacterial Genus Anabaena Applied and Environmental Microbiology, Aug 92, v58, n8, p2495 Complete Mineralization of Benzene by Aquifer Microrganisms under Strictly Anaerobic Conditions Applied and Environmental Microbiology, Aug 92, v58, n8, p2663

Direct Isolation of Yersinia pseudotuberculosis from Fresh Water in Japan Applied and Environmental Microbiology, Aug 92, v58, n8, p2688

Rates of Microbenthic and Meiobenthic Bacterivory in a Temperate Muddy Tidal Flat Community

Applied and Environmental Microbiology, Aug 92, v58, n8, p2426

Effects of Antibacterial Agents on In Vitro Ovine Ruminal Biotransformation of the Hepatotoxic Pyrrolizidine Alkaloid Jacobine Applied and Environmental Microbiology, Aug 92, v58, n8, p2559

Vibrio cholerae Non-O1 Isolated from Ayu Fish (Plecoglossus altivelis) in Japan Applied and Environmental Microbiology, Sep 92, v58, n9, p3078

Establishment of a Polychlorinated Biphenyl-Degrading Enrichment Culture with Predominantly *meta* Dechlorination

Applied and Environmental Microb

Applied and Environmental Microbiology, Sep 92, v58, n9, p3088

Rapid Determination of Members of the Family Enterobacteriaceae in Drinking Water by an Immunological Assay Using a Monoclonal Antibody Against Enterobacterial Common Antigen

Applied and Environmental Microbiology, Sep 92, v58, n9, p3187

Effects of Temperature on Methane Consumption in a Forest Soil and in Pure Cultures of the Methanotroph Methylomonas rubra Applied and Environmental Microbiology, Sep 92, v58, n9, p2758

Distribution of Viruses in the Chesapeake Bay Applied and Environmental Microbiology, Sep 92, v58, n9, p2965

Seasonal Incidence of Vibrio vulnificus in the Great Bay Estuary of

New Hampshire and Maine Applied and Environmental Microbiology, Oct 92, v58, n10, p3257

Seasonal Incidence of *Vibrio* vulnificus in the Great Bay Estuary of New Hampshire and Maine *Applied and Environmental Microbiology*, Oct 92, v58, n10, p3257

A Hydrogen-Oxidizing, Fe(III)-Reducing Microorganism from the Great Bay Estuary, New Hampshire *Applied and Environmental Microbiology*, Oct 92, v58, n10, p3211

Reductive Debromination of the Commercial Polybrominated Biphenyl Mixture Firemaster BP6 by Anaerobic Microorganisms from Sediments Applied and Environmental Microbi-

ology, Oct 92, v58, n10, p3249

Comparison of Identification Systems

for Classification of Bacteria Isolated from Water and Endolithic Habitats with the Deep Subsurface Applied and Environmental Microbiology, Oct 92, v58, n10, p3367

Enumeration and Characterization of Bacterial Colonists of a Submersed Aquatic Plant, Eurasian Watermilfoil (Myriophyllum spicatum L.) Applied and Environmental Microbiology, Oct 92, v58, n10, p3374

Methods Involving Light Variation for Isolation of Cyanobacteria: Characterization of Isolates from Central Australia Applied and Environmental Microbiology, Nov 92, v58, n11, p3561

Direct and Indirect Evidence of Size-Selective Grazing on Pelagic Bacteria by Freshwater Nanoflagellates Applied and Environmental Microbiology, Nov 92, v58, n11, p3715

Mechanisms and Rates of Decay of Marine Viruses in Seawater Applied and Environmental Microbiology, Nov 92, v58, n11, p3721

Release of Bacterial DNA by Marine Nanoflagellates, an Intermediate Step in Phosphorus Regeneration Applied and Environmental Microbiology, Nov 92, v58, n11, p3744 Soil Bacterial Biomass, Activity, Phospholipid Fatty Acid Pattern. amd pH Tolerance in an Area Polluted with Alkaline Dust Deposition Applied and Environmental Microbiology, Dec 92, v58, n12, p4026

Archives of Environmental Contamination and Toxicology

Organochlorine Pesticides, Octachlorostyrene, and Mercury in the Blood of Elb River Residents, Germany

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p14

Organochlorine Pesticides and Polychlorinated Biphenyls in the Arctic Ocean Food Web Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p41

Heavy Metal and Metallothionein Concentrations in Atlantic Canadian Seabirds

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p63

Selenium and Other Trace Elements in Bluegills from Agricultural Return Flows in the San Joaquin Valley, California

Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p88

The Relative Sensitivity of Competing Hydropsychid Species to Fluoride Toxicity in the Cache la Poudre River Archives of Environmental Contamination and Toxicology, Jan 92, v22, n1, p107

Patterns of Metal Accumulation in Laminaria longicruris from Long Island Sound, Connecticut Archives of Environmental Contamination and Toxicology, Apr 92, v22, n3, p305

Partitioning of Cadmium and Lead Within Seston of Coastal Marine Waters of the Western Bay of Fundy, Canada

Archives of Environmental Contamination and Toxicology, Apr 92, v22, n3, p325

Trace Element and Organochlorine Concentrations in California Clapper Rall (Rallus longirostris obsoletus) Eggs

Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p147

Organochlorine Pesticide Residues in Human Milk in the Ribeirão Preto Region, State of São Paulo, Brazil Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p167

Accumulation of Mercury by Autwuchs in Wisconsin Seepage Lakes: Implications for Monitoring Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p172

Long-Term Monitoring of Aldicarb Residues in Groundwater Beneath a Canadian Potato Field Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p183

Survey of Toxicants and Nutrients in Composted Waste Materials Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p190

Monitoring and Assessment of Mercury Pollution in the Vicinity of a Chloralkali Plant IV.

Bioconcentration of Mercury in *In Situ* Aquatic and Terrestrial Plants at Ganjam, India

Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p195

Trace Element Levels in Pine Snake Hatchlings: Tissue and Temporal Differences

Archives of Environmental Contamination and Toxicology, Feb 92, v22, n2, p209

Organochlorine Pesticide Contaminations in Human Milk Samples from Women Living in Amman, Jordan Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p235

Prevalence of Asbestos in Composted Waste from 26 Communities in the United States Archives of Environmental Contamination and Toxicology, Aug 92, v23, n2, p266

Historical Changes in Serum PCB and DDT Levels in an Environmentally-Exposed Cohort Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p362

Residue Pattern and Dietary Intake of Persistent Organochlorine Compounds in Foodstuffs from Vietnam Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p367

Composition of Toxicants and Other Constituents in Yard or Sludge Composts from the Same Community as a Function of Time-of-Waste-Collection

Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p380

Uptake of Environmental Contaminants by Small Mammals in Pickleweed Habitats at San Francisco Bay, California Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p389

Chemometric Comparisons of Polychlorinated Dibenzo-p-Dioxin and Dibenzofuran Residues in Surficial Sediments from Newark Bay, New Jersey and Other Industrialized Waterways Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p397

Response of a Freshwater Bacterial Community to Mercury Contamination (HgCl₂ and CH₃HgCl) Archives of Environmental Contamination and Toxicology, May 92, v22, n4, p439

Mitotic Toxicity, Sister Chromatid Exchange, and Rec Assay of Pesticides

Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p13

Bioassay-Directed Chemical Characterization of Genotoxic Agents in the Dissolved and Particulate Water Phases of the Besos and Llobregat Rivers (Barcelona, Spain)

Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p19

Characteristic Trend of Persistent Organochlorine Contamination in Wildlife from a Tropical Agricultural Watershed, South India Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p26

Cadmium and Mercury in Emergent Mayflies (*Hexagenia bilineata*) from the Upper Mississippi River Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p109

An Outbreak of a Food-Related Ilness Resembling Boric Acid Poisoning Archives of Environmental Contamination and Toxicology, July 92, v23, n1, p142

Heavy Metal and Selenium Levels in Young Cattle Egrets from Nesting Colonies in the Northeastern United States, Puerto Rico, and Egypt Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p435

Lead and Cadmium in Birds in The Netherlands

Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p453

Subchronic Toxicity and Reproduction Effects of Tri-n-butyltin Oxide in Japanese Quail

Archives of Environmental Contami

Archives of Environmental Contamination and Toxicology, Nov 92, v23, n4, p457

Archives of Environmental Health

High Prevalence of Sick Building Syndrome in a New Air-Conditioned Building in Italy Archives of Environmental Health, Jan/Feb 92, v47, n1, p16

Effects of the Home Environment on Respiratory Symptoms of a General

Population Sample in Middle Italy Archives of Environmental Health, Jan/Feb 92, v47, n1, p64

Relation of Peak Expiratory Flow Rates and Symptoms to Ambient Ozone

Archives of Environmental Health, Mar/Apr 92, v47, n2, p107

Inhalation of Road Dust by Residents in Polluted Areas Archives of Environmental Health, Mar/Apr 92, v47, n2, p131

Lead Reduction of Petrol and Blood Lead Concentration in Athletes Archives of Environmental Health, Mar/Apr 92, v47, n2, p139

A Study on Cancer Mortality in Tarapur-Based Atomic Energy Community Archives of Environmental Health, Mar/Apr 92, v47, n2, p155

Cancer Incidence Following Chlorophenol Exposure in a Community in Southern Finland Archives of Environmental Health, May/June 92, v47, n3, p167

Impact of Maternal Seafood Diet on Fetal Exposure to Mercury, Selenium, and Lead

Archives of Environmental Health, May/June 92, v47, n3, p185

Significance of Urinary Cadmium Concentration in a Japanese Population Environmentally Exposed to Cadmium

Archives of Environmental Health, May/June 92, v47, n3, p 196

Determinants of Blood Lead Concentrations to Age 5 Years in a Birth Cohort Study of Children Living in the Lead Smelting City of Port Pirie and Surrounding Areas

Archives of Environmental Health,
May/June 92, v47, n3, p203

Daily Mortality and PM₁₀ Pollution in Utah Valley *Archives of Environmental Health*, May/June 92, v47, n3, p211

A Longitudinal Study of Lung Function in Jute Processing Workers Archives of Environmental Health, May/June 92, v47, n3, p218 Vehicular Traffic as a Determinant of Blood-Lead Levels in Children: A Pilot Study in Mexico City Archives of Environmental Health, July/Aug 92, v47, n4, p246

Repeated Bone Lead Levels in Queensland, Australia - Previously a High Lead Environment Archives of Environmental Health, July/Aug 92, v47, n4, p256

A Study of Current Residents'
Knowledge of a Former Environmental Health Survey of Their Community

Archives of Environmental Health, July/Aug 92, v47, n4, p270

Assessment of Acute Health Effects from the Medfly Eradication Project in Santa Clara County, California *Archives of Environmental Health*, July/Aug 92, v47, n4, p279

Investigation of a Reported Cluster of Bladder Cancer Cases in the Pottstown/Phoenixville Area of Pennsylvania Archives of Environmental Health, July/Aug 92, v47, n4, p285

Gastric Cancer Mortality and Nitrate Levels in Wisconsin Drinking Water Archives of Environmental Health, July/Aug 92, v47, n4, p292

Aircraft Noise Annoyance and Average Versus Maximum Noise Levels Archives of Environmental Health, Sep/Oct 92, v47, n5, p326

Effect of Low-Level Body Burdens of Lead on the Mental Development of Children: Limitations of Meta-Analysis in a Review of Longitudinal Data

Archives of Environmental Health, Sep/Oct 92, v47, n5, p336

Impact of Environmental Cadmium Pollution on Cadmium Exposure and Body Burden Archives of Environmental Health, Sep/Oct 92, v47, n5, p347

Decrease in blood Cadmium Levels Over Time in Belgium Archives of Environmental Health, Sep/Oct 92, v47, n5, p354 Respiratory Health Effects of Alkali Dust in Residents Near Desiccated Old Wives Lake *Archives of Environmental Health*, Sep/Oct 92, v47, n5, p364

Atmospheric Environment

Nitrous and Nitric Acid Measurements at Sites in South-East England *Atmospheric Environment*, 92, v26A, n2, p235

A Case Study of Pollutant Transport from Los Angeles to the Desert South-West Atmospheric Environment, 92, v26A, n2, p243

Radon at the Mauna Loa Observatory: Transport from Distant Continents

Atmospheric Environment, 92, v26A, n2, p251

A Puff Model Simulation of Tracer Concentrations in the Nocturnal Drainage Flow in a Deep Valley Atmospheric Environment, 92, v26A, n2, p299

A Case Study of Ozone Production in a Rural Area of Central Ontario Atmospheric Environment, 92, v26A, n2, p311

Source Profiles by Unique Ratios (SPUR) Analysis: Determination of Source Profiles form Receptor-Site Streaker Samples

Atmospheric Environment, 92, v26A, n2, p333

Orograhic Rainfall Enhancement in the Mountains of the Lake District and Snowdonia *Atmospheric Environment*, Feb 92, v26A, n3, p357

Effects of Air Pollution on *Pinus halepensis* (Mill.): Pollution Levels in Attica, Greece *Atmospheric Environment*, Feb 92, v26A, n3, p373

Trace Elements in Snow Samples from the Scottish Highlands: Sources and Dissolved/Particulate Distributions

Atmospheric Environment, Feb 92, v26A, n3, p393

Analysis of Wet Deposition in the Eastern United States *Atmospheric Environment*, Feb 92, v26A, n3, p465

Multi Wavelength Measurements of Atmospheric Turbidity and Determination of the Fluctuations in Total Ozone Over Antarctica Atmospheric Environment, 92, v26A, n4, p525

Biogenic Emissions and Biomass Burning Influences on the Chemistry of the Fogwater and Stratiform Precipitations in the African Equatorial Forest Atmospheric Environment, 92, v26A, n4, p541

Analysis of Aerosol Ammonium Nitrate; Departures from Equilibrium During SCAQS Atmospheric Environment, 92, v26A, n4, p579

Regionally Representative Daily Air Concentrations of Acid-Related Substances in Canada; 1983-1987 Atmospheric Environment, 92, v26A, n4, p593

A Neighborhood-Scale Study of PM₁₀ Source Contributions in Rubidoux, California Atmospheric Environment, 92, v26A, n4, p693

The Relatioship Between Ozone and Regional Tracers in Rural Rhode Island Atmospheric Environment, 92, v26A, n4, p725

Ultraviolet Radiation Received in Antarctica in Comparison With the Indian Region Atmospheric Environment, 92, v26A, n4, p731

Black Carbon in the Atmosphere of Ljubljana During Military Action by the Yugoslav Army in Slovenia Atmospheric Environment, 92, v26A, n4, p735

A Fog Forecasting Method in a Deeply Embanked Valley Atmospheric Environment, 92, v26A, n5, p759 The Relationship of the Extinction Coefficient Distribution to Wind Field Patterns in Southern California Atmospheric Environment, 92, v26A, n5, p827

The STEM-II Regional Scale Acid Deposition and Photochemical Oxidant Model-IV. The Impact of Emission Reductions on Mesoscale Acid Deposition in the Lower Ohio River Valley

Atmospheric Environment, 92, v26A, n5, p841

Vertical Ozone Profiles in a Pine Forest Atmospheric Environment, 92, v26A, n5, p863

Precipitation Scavenging of Polychlorinated Biphenyl Congeners in the Great Lakes Region Atmospheric Environment, 92, v26A, n5, p883

Atmospheric Methane and Sulphur Compounds at a Remote Central Canadian Location Atmospheric Environment, 92, v26A, n5, p907

Water-Soluble Primary Amine Compounds in Rural Continental Precipitation Atmospheric Environment, 92, v26A, n6, p1005

A Five-Year Climatology of Back-Trajectories from the Izana Baseline Station, Tenerife, Canary Islands Atmospheric Environment, 92, v26A, n6, p1081

Sulfur Enrichment of Atmospheric Minerals and Spores Atmospheric Environment, 92, v26A, n6, p1113

Trends Analysis of Vegetation Exposure Indices in Rural Areas of the United States Atmospheric Environment, 92, v26A, n6. p1121

Factor Analysis of Trends in Texas Acidic Deposition Atmospheric Environment, 92, v26A, n6, p1137 Chemical Characterization of Precipitation from a Monitoring Network in the Lower Ohio River Valley Atmospheric Environment, 92, v26A, n6, p1147

Electron Microprobe Characterization of Individual Aerosol Particles Collected by Aircraft Above the Southern Bight of the North Sea *Atmospheric Environment*, 92, v26A, n7, p1231

Mercury Emissions into the Atmosphere from a Chlor-Alkali Complex Measured with the Lidar Technique *Atmospheric Environment*, 92, v26A, n7, p1253

Relationships Between PAN, PPN and O₃ at Urban and Rural Sites in Ontario

Atmospheric Environment, 92, v26A, n7, p1259

Winter and Early Spring Microclimate of a Subalpine Spruce-Fir Forest Canopy in Central New Hampshire. *Atmospheric Environment*, 92, v26A, n7, p1361

An Improved Wet Deposition Map of the United Kingdom Incorporating the Seeder-Feeder Effect Over Mountainous Terrain Atmospheric Environment, 92, v26A, n8, p1375

Field Tests of a Passive Sampler for Atmospheric Ozone at California Mountain Forest Locations Atmospheric Environment, 92, v26A, n8, p1407

Gas-and-Aqueous-Phase Formic and Acetic Acids at a Tropical Cloud Forest Site Atmospheric Environment, 92, v26A, n8, p1421

A Field Comparison of Dust Deposit Gauge Performance at Two Sites in Yorkshire, 1987-1989 Atmospheric Environment, 92, v26A, n8, p1445

A Wind-Tunnel Study of the Dust Emissions from the Continuous Dumping of Coal Atmospheric Environment, 92, v26A, n8, p1453 Concentration and Deposition of Particles and Vapors in a Vertical Profile Through a Forest Canopy Atmospheric Environment, 92, v26A, n8, p1469

Results from the 1987 Total Exposure Assessment Methodology (TEAM) Study in Southern California Atmospheric Environment, 92, v26A, n8, p1519

A New Method for Estimation of Dry Deposition of Particles Based on Throughfall Measurements in a Forest Edge Atmospheric Environment, 92, v26A, n9, p1553

Monsoon Cloudwater Chemistry on the Arabian Peninsula Atmospheric Environment, 92, v26A, n9, p1583

Measurements of Wind Speed and Plume Rise with a Rapid-Scanning Lidar

Atmospheric Environment, 92, v26A, n9, p1675

The Spatial Distribution and Particle Size of Some Inorganic Nitrogen Sulphur and Chlorine Species Over the North Sea *Atmospheric Environment*, 92, v26A, n9, p1689

The Application of Three-Mode Factor Analysis (TMFA) to Receptor Modeling of SCENES Particle Data Atmospheric Environment, 92, v26A, n9, p1701

Estimates of Dark Ecosystem Respiration of CO₂ from the City of Calgary, Alberta Atmospheric Environment, 92, v26A, n9, p1725

Characterization of Individual Fine-Fraction Particles from the Arctic Aerosol at Spitsbergen, May-June 1987

Atmospheric Environment, 92, v26A,

Atmospheric Environment, 92, v26A, n9, p1747

A Numerical Simulation of Airflows and SO₂ Concentration Distributions in an Arid Southwestern Valley *Atmospheric Environment*, 92, v26A, n9, p1771

Determination of Radon in Indoor Air in Quebec by Liquid Scintillation Counting in *ortho*-Xylene *Atmospheric Environment*, 92, v26A, n9, p1791

Speciation of Ammonium-Containing Species in Atmospheric Aerosols Atmospheric Environment, 92, v26A, n11, p1995

Regional Analysis of Cloud Chemistry at High Elevations in the Eastern United States

Atmospheric Environment, 92, v26A, n11, p2001

Vertical Distributions of COS, CS₂, DMS and Other Sulphur Compounds in a Loblolly Pine Forest Atmospheric Environment, 92, v26A, n11, p2031

A Comparison of Major Chemical Species Seasonal Concentration and Accumulation at the South Pole and Summit, Greenland Atmospheric Environment, 92, v26A, n11, p2045

Optical and Chemical Properties of Urban Aerosols in Sendai and Sapporo, Japan Atmospheric Environment, 92, v26A, n11, p2055

Sulfur Dioxide in Coastal New England Fog Atmospheric Environment, 92, v26A, n11, p2063

Quantification of Nitro- and Hydroxylated Nitro-Aromatic/ Polyhcyclic Aromatic Hydrocarbons in Selected Ambient Air Daytime Winter Samples Atmospheric Environment, 92, v26A, n11, p2077

Precision of the Radiochemical OH Measurement Method Atmospheric Environment, 92, v26A, n11, p2105

Patterns of Daily Exposure to TSP and CO in the Garhwal Himalaya *Atmospheric Environment*, 92, v26A, n11, p2125

Activity Patterns of Californians: Use of and Proximity to Indoor Pollutant Sources

Atmospheric Environment, 92, v26A, n12, p2141

Apportionment of Residential Indoor Aerosol, VOC and Aldehyde Species to Indoor and Outdoor Sources, and Their Source Strengths

Atmospheric Environment, 92, v26A, n12, p2179

Chemical Characterization of Indoor Air of Homes from Communes in Xuan Wei, China, with High Lung Cancer Mortality Rate Atmospheric Environment An Internationaal Journal, 92, v26A, n12, p2193

Volatile Organic Compounds and Some Very Volatile Organic Compounds in New and Recently Renovated Buildings in Switzerland Atmospheric Environment, 92, v26A, n12, p2219

Subterranean Transport of Radon and Elevated Indoor Radon in Hilly Karst Terrains

Atmospheric Environment, 92, v26A, n12, p2237

Use of Natural Basement Ventilation to Control Radon in Single Family Dwellings

Atmospheric Environment, 92, v26A, n12, p2251

Secondary Organic Aerosol Formation and Transport *Atmospheric Environment*, 92, v26A, n13, p2269

Variation of Rock-Forming Metals in Sub-Annual Increments of Modern Greenland Snow Atmospheric Environment, 92, v26A, n13, p2283

Nitrogen Source-Receptor Matrices and Model Results for Eastern Canada *Atmospheric Environment*, 92, v26A, n13, p2323

Field Study Investigations of the Impact of Shape, Size and Orientation on Dry Deposition Induced Corrosion of Galvanized Steel Atmospheric Environment, 92, v26A, n13, p2353

Factors Influencing the Atmospheric Flux of Reduced Sulphur Compounds from North Sea Inter-Tidal Areas *Atmospheric Environment*, 92, v26A, n13, p2381

Processes Affecting Concentrations of Aerosol Strong Acidity at Sites in Eastern England Atmospheric Environment, 92, v26A, n13, p2389

Evaluating Rainwater Contamination and Sources in Southeast Australia Using Factor Analysis Atmospheric Environment, 92, v26A, n13, p2401

Experimental Study of the Scavenging Process by Means of a Sequential Precipitation Collector, Preliminary Results

Atmospheric Environment, 92, v26A, n13, p2437

Performance of a Mobile Aerosol Spectrometer for an *In Situ* Characterization of Environmental Aerosols in Frankfurt City *Atmospheric Environment*, 92, v26A, n13, p2451

Application of Common y-Intercept Regression Paramets for Log K_p vs 1/ T for Predicting Gas-Particle Partitioning in the Urban Environment Atmospheric Environment, 92, v26A, n14, p2489

Atmospheric Concentrations and Size Distributions of Aircraft-Sampled Cd, Cu, Pb, and Zn Over the Southern Bight of the North Sea *Atmospheric Environment*, 92, v26A, n14, p2499

Heterogeneous Sulfate Production in an Urban Fog Atmospheric Environment, 92, v26A, n14, p2509

A Fast Long-Range Transport Model for Operational Use in Episode Simulation. Application to the Chernobyl Accident Atmospheric Environment, 92, v26A, n14, p2523 A Synoptic Analysis of the Meteorological Conditions Affecting Dispersion of Pollutants Emitted from Tall Stacks in the Coastal Plain of Israel Atmospheric Environment, 92, v26A, n14, p2537

Cluster Analysis: A Technique for Estimating the Synoptic Meteorological Controls on Air and Precipitation Chemistry - Results from Eskdalemuir, South Scotland *Atmospheric Environment*, 92, v26A, n14, p2583

Changing Sources of Impurities to the Greenland Ice Sheet Over the Last 250 Years

Atmospheric Environment, 92, v26A, n14, p2627

Barium in North Atlantic Rain Water: A Reconnaissance *Atmospheric Environment*, 92, v26A, n14, p2641

Emission Rates of Organics from Vegetation in California's Central Valley Atmospheric Environment, 92, v26A, n14, p2647

Air Quality in Metropolitan Manila: Inferences from a Questionable Data Set

Atmospheric Environment, 92, v26A, n15, p2673

Study on the Numerical Modeling of Particulate Matter in Shanghai *Atmospheric Environment*, 92, v26A, n15, p2679

Numerical Simulation of Air Pollutant Transport and Diffusion in a Mountainous City Atmospheric Environment, 92, v26A, n15, p2689

Turbulence Characteristics in an Urban Atmosphere of Complex Terrain Atmospheric Environment, 92, v26A, n15, p2717

Determination of Chemical Elements in Deposition on the Western North Pacific Atmospheric Environment, 92, v26A, n15, p2737 On the Observations of Yellow Sand (Dust Storms) in Korea *Atmospheric Environment*, 92, v26A, n15, p2743

On the Atmospheric Conditions Affecting the Variation of Tritium Concentration in Rainfall Atmospheric Environment, 92, v26A, n15, p2751

On the Preparation of Environmental Impact Statements in the United States of America Atmospheric Environment, 92, v26A, n15, p2759

A Long-Range Dispersion Model Evaluation Study with Chernobyl Data Atmospheric Environment, 92, v26A, n15, p2805

Biogenic and Anthropogenic Organic Compounds in Eolian Particulates in the East Mediterranean Region - I. Occurrence and Origin Atmospheric Environment, 92, v26A, n15, p2821

Diurnal Variation of Ohio Radical and Hydrocarbons in a Polluted Air Mass During Long-Range Transport in Central Japan Atmospheric Environment, 92, v26A, n15, p2835

An Improved Method for Predicting Seasonal and Annual Shadowing From Cooling Tower Plumes Atmospheric Environment, 92, v26A, n15, p2845

A Statistical Intercomparison between "Urban" and "Rural" Precipitation Chemistry Data from Greater Manchester and Two Nearby Secondary National Network Sites in the United Kingdom Atmospheric Environment, 92, v26A, n16, p2869

Measurement and Modeling of Cloudwater Deposition to a Snow-Covered Forest Canopy Atmospheric Environment, 92, v26A, n16, p2893

Determinations of Methyl Iodide in the Antarctic Atmosphere and the South Polar Sea Atmospheric Environment, 92, v26A, n16, p2905

Measurement of Volatile Organic Chemicals at Selected Sites in California *Atmospheric Environment*, 92, v26A, n16, p2929

Diminished Effects of El Chichón on Stratospheric Aerosols, Early 1984 to Late 1986

Atmospheric Environment, 92, v26A, n16, p2947

The Thermodynamics of Pollutant Removal as an Indicator of Possible Source Areas for Arctic Haze Atmospheric Environment, 92, v26A, n16, p2953

Some Statistical Characteristics of Concentration and Wet Deposition in Relation to Rainfall Amount for Sulfate and Nitrate in Rain Water Atmospheric Environment, 92, v26A, n16 p3029

A Qualitative Assessment of the Emission of Non-Methane Hydrocarbon Compounds from the Biosphere to the Atmosphere in the U.K.: Present Knowledge and Uncertainties *Atmospheric Environment*, 92, v26A, n17, p3069

Modelling and Measurement of the Dispersion of Radioactive Emissions from a Nuclear Fuel Fabrication Plant in the U.K.

Atmospheric Environment, 92, v26A, n17, p3079

Atmospheric Dry Deposition on Pines in the Eastern Brook Lake Watershed, Sierra Nevada, California

Atmospheric Environment, 92, v26A, n17, p3195

Bulletin of Environmental Contamination and Toxicology

Seasonal Variation of Heavy Metals in Oysters from Darwin Harbor, Northern Territory, Australia Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p31

Elevated Levels of Organotins in Lake Geneva: Bivalves as Sentinel Organisms Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p37

Trace Metals in Limpets (Patella sp) from the Coast of Santa Cruz de Tenerife (Canary Islands)
Bulletin of Environmental Contamination and Toxicology, Jan 92, v48,n1, p55

Potential Impact of Watercress Farm Discharges on the Freshwater Amphipod, Gammarus pulex Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p63

Estrogenic Effects of Aldrin and Quinalphos in Rats Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p125

Trihalomethane in Drinking Water Supplies and Reused Water Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p157

HCH, Endosulfan, and Fluvalinate Residue Behavior in Pigeonpea (Cajanus cajan L. Millsp) Bulletin of Environmental Contamination and Toxicology, Jan 92, v48, n1, p163

Effect of the Dispersion of Oil in Freshwater Based on Time-Dependent Daphnia magna Toxicity Tests Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p209

External Biomarkers to Assess Chromium Toxicity in Adult Lepomis macrochirus Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p237

Performance of *Vicia faba* Plants in Relation to Simulated Acid Rain and/ or Endosulphan Treatment Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p243

Effect of Selected Textile Dyes on the Survival, Morphology, and Burrowing Behavior of the Earthworm *Polypheretima elongata* Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p249

Response of Epiphytic Microflora from *Pinus sylvestris* Needles to Alkaline Deposition Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p253

Unusual Persistence of DDT in Some Western USA Soils *Bulletin of Environmental Contamination and Toxicology*, Feb 92, v48, n2, p259

Dehydrochlorination of d-Isomer of Hexachlorocyclohexane by Soil Bacterium, *Pseudomonas* sp. *Bulletin of Environmental Contamination and Toxicology*, Feb 92, v48, n2, p265

Influence of Soil Moisture and Microbial Activity on Pendimethalin Degradation Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p269

Mutagenicity-Carcinogenicity as Related to Teratogenic Activity Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p275

Children's Classroom Behavior and Lead in Taiwan Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p282

Biological Monitoring of Chlorinated Pesticides Among Exposed Workers of Mango Orchards: A Case Study in Tropical Climate Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p295

Levels of Organochlorine Insecticides in Human Blood from Ahmedabad (Rural) India Bulletin of Environmental Contamination and Toxicology, Feb 92, v48, n2, p302 Tooth Lead Concentration as an Indicator for Environmental Lead Pollution in Agra City, India Bulletin of Environmental Contamination and Toxicology, Mar 92, v48, n3, p334

Trihalomethanes in Chlorinated Drinking Water of Cairo, Egypt Bulletin of Environmental Contamination and Toxicology, Mar 92, v48, n3, p378

Organochlorine Pesticide Residues and PVBs in Otters (*Lutra lutra*) from Ireland *Bulletin of Environmental Contami*nation and Toxicology, Mar 92, v48, n3, p387

Total Mercury and Methylmercury in Hair, Maternal and Umbilical Blood and Placenta from Women in the Seville Area Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p494

Cadmium Concentrations in Plants and Goats Tissues from Various Areas of Chalkidiki, Greece Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p515

ELISA of Simazine in Soil: Applications for a Field Leaching Study *Bulletin of Environmental Contamination and Toxicology*, Apr 92, v48, n4, p554

Organochlorine Residues in Human Adipose Tissue of the Population of Zaragoza (Spain) Bulletin of Environmental Contamination and Toxicology, Apr 92, v48,

n4, p561

Oxadiazon Residue Concentrations in Sediment, Fish and Shellfish from a Combined Residential/Agricultural Area in Southern California Bulletin of Environmental Contamination and Toxicology, Apr 92, v48, n4, p608

Sorption and Leaching of Bromacil and Simazine in Florida Flatwoods Soils

Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p662

Toxic Elements and Organochlorines in Harbor Seals (*Phoca vitulina* richardsi), Kodiak, Alaska, USA Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p727

Residue Levels of Organochlorines and Mercury in Cattle Egret, Bubulcus ibis, Eggs from the Faiyum Oasis, Egypt Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p739

Methane in Well Water from Lake Charles, Louisiana Bulletin of Environmental Contamination and Toxicology, May 92, v48, n5, p768

Polycyclic Aromatic Hydrocarbons in Olive Fruits as a Measure of Air Pollution in the Valley of Florence (Italy)

Bulletin of Environmental Contamination and Toxicology, June 92, v48,

n6, p809

Polychlorinated Biphenyls in Two Species of Arctic Seabirds from the Syalbard Area Bulletin of Environmental Contamination and Toxicology, June 92, v48, n6, p828

Developmental Defects in Fish Embryos from Salton Sea, California Bulletin of Environmental Contamination and Toxicology, June 92, v48, n6, p914

Atrazine, Alachlor, and Carbofuran Contamination of Well Water in Central Maine Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p1

Heavy Metal and Hydrocarbon Residues in Tissue and Blood of Beef Steers Bedded on Waste Newspapers Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p18

Mining Area Environmental Mercury Assessment Using Abies alba Bulletin of Environmental Contamination and Toxicology, July 92, v49, n1, p31 Pesticides in Marine Sediments Associated with Golf Course Runoff Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p179

Organochlorine Pollutants in Water, Soils and Earthworms in the Guadalquivir River, Spain Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p192

Organochlorine Pesticide Residues in Estuarine Fish from the Athi River, Kenya

Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p199

Organochlorine Pesticide Residues in Fish from Lake Naivasha and Tana River, Kenya

Bulletin of Environmental Contamination and Toxicology, Aug 92, v49, n2, p207

ATP and Adenylate Energy Charge Determinations on Core Samples from an Av-Fuel Spill Site at the Traverse City, Michigan Airport Bulletin of Environmental Contamination and Toxicology, Aug92, v49, n2, p232

Enzyme-Linked Immunosorbant Assay (ELISA) of Simazine for Delhi and Yolo Soils in California Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p348

Seasonal Fluctuations of Organochlorine Compounds in the Water of the Strimon River (N. Grece)

Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p375

Trihalomethanes and Haolgenated Organic Formation in Water Treatment Plant

Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p381

Partitioning of PCBs in the Muscle and Reproductive Tissues of Paddlefish, *Polyodon spathula*, at the Falls of the Ohio River *Bulletin of Environmental Contami-*

nation and Toxicology, Sep 92, v49, n3, p455

Total Arsenic in Water, Fish and Sediments from Lake Xolotlán, Nicaragua Bulletin of Environmental Contami-

Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p463

Purple Spotted Gudgeon: Its Use as a Standard Toxicity Test Animal in Tropical Northern Australia Bulletin of Environmental Contamination and Toxicology, Sep 92, v49, n3, p471

Evaluation of Solid Sorbents for the Recovery of Polyether Toxins (Brevetoxins) in Seawater Bulletin of Environmental Contamination and Toxicology, Oct 92, v49, n4, p479

Daily Intake of Metals by Females in Osaka, Japan Bulletin of Environmental Contami-

nation and Toxicology, Oct 92, v49, n4, p509

Polycyclic Aromatic Hydrocarbons in Surface Waters of Alessandria District, South Eastern Piedmont (Italy)

Bulletin of Environmental Contamination and Toxicology, Oct 92, v49, n4, p555

Preliminary Evaluation of Metal Contamination of Soils from the Gulf War Activities

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p633

Mosquito Coils: A Source of Elemental Pollution

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p663

Calculated Reentry Interval for Table Grape Harvesters Working in California Vineyards Treated with Methomyl

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p708

Production of Antibacterial Substances by Macroalgae of the New York/New Jersey Coast

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p743

Toxic Effects of Pollutants on Methane Production in Sediments of the River Rhine

Bulletin of Environmental Contamination and Toxicology, Nov 92, v49, n5, p780

Effectiveness of a Bioremediation Product in Degrading the Oil Spilled in the 1991 Arabian Gulf War Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p787

Levels of Polychlorinated Biphenyls, Organochlorine Pesticides, and Chlorophenols in the Kupa River Water and in Drinking Waters from Different Areas in Croatia Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p805

Sources of Pollution at Mina al Fahal Coastal Area Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p813

Induction of Micronuclei in Mice Bone Marrow Cells by Home Made Aguardientes Collected in Southern Chile and their Incidence in Gastric Cancer

Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p866

Effects of Contaminants on Macrobenthic Communities in the Upper Calcasieu Estuary, Louisiana Bulletin of Environmental Contamination and Toxicology, Dec 92, v49, n6, p922

Canadian Journal of Soil Science

Demonstration of Spatial Heterogeneity in the Organic Matter of De-Ashed Humins by Solid-State ¹³C CPMAS NMR Canadian Journal of Soil Science, Feb 92, v72, n1, p13

Spatial and Temporal Fluctuation in Biomass, Nitrogen Mineralizing Reactions and Mineral Nitrogen in a Soil Cropped to Barley Canadian Journal of Soil Science, Feb 92, v72, n1, p31

Effect of Rock Permeability on the Formation of Diagnostic Argillic and Fragipan Horizons Canadian Journal of Soil Science, Feb 92, v72, n1, p69

Acidification Adjacent to an Elemental Sulfur Stockpile: II. Trace Element Redistribution Canadian Journal of Soil Science, May 92, v72, n2, p127

Prediction of Available Potassium in Ontario Soils by Electro-Ultrafiltration and Chemical Extraction Canadian Journal of Soil Science, May 92, v72, n2, p159

Burning of Alfalfa Stubble for Insect Control as it Affects Soil Chemical **Properties** Canadian Journal of Soil Science, May 92, v72, n2, p169

Prediction of Fertilizer Requirements for Spring Wheat Grown on Stubble in Southwestern Saskatchewan Canadian Journal of Soil Science, Aug 92, v72, n3, p229

The Relative Persistence of Trifluralin (545 EC and 5G) and Ethalfluralin in Prairie Soils Canadian Journal of Soil Science, Aug 92, v72, n3, p255

Formation of Swelling Clay Minerals by Sulfide Oxidation in some Metamorphic Rocks and Related Soils of Ontario, Canada Canadian Journal of Soil Science, Aug 92, v72, n3, p263

Factors Affecting Fertilizer Response of Wheat in Southwestern Saskatchewan Canadian Journal of Soil Science, Nov 92, v72, n4, p577

Preliminary Investigations on the Use of 137Cs To Estimate Erosion in Saskatchewan Canadian Journal of Soil Science, Nov 92, v72, n4, p673

Chemosphere

Soil Contamination with PCDDs and PCDFs of Small (illegal) Scrap Wire and Scrap Car Incineration Sites Chemosphere, Jan 92, v24, n2, p127

Concentrations of Twenty-Four Elements in Bluefin Tuna, Thunnus thynnus from the Northwest Atlantic Chemosphere, Jan 92, v24, n2, p211

Congener-Specific PCB Analyses of a Sediment Core of Lake Shinji, Japan

Chemosphere, Feb 92, v24, n4, p427

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener DTDMAC-I. Ecotoxicological Effects Chemosphere, Mar 92, v24, n5, p599

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener DTDMAC-II. Exposure Modeling Chemosphere, Mar 92, v24, n5, p611

Ecotoxicological Risk Evaluation of the Cationic Fabric Softener DTDMAC-III. Risk Assessment Chemosphere, Mar 92, v24, n5, p629

An Environmental Risk Assessment for DTDMAC in the Netherlands,

Chemosphere, Mar 92, v24, n5, p641

Photochemical Transformation of Phthalic Anhydride in Natural Waters Chemosphere, Mar 92, v24, n6, p673

Air Monitoring for Pollution by Auxin-Type Herbicides Chemosphere, Mar 92, v24, n6, p719

Toxicity of Flue Ash Emissions from Waste Incinerators Chemosphere, Mar 92, v24, n6, p753

Seasonal Mevinphos Degradation on Row Crops in Monterey County, 1990

Chemosphere, Mar 92, v24, n6, p773

Organochlorine and Polychlorinated Biphenyl Levels in Pinniped Milk from the Arctic, the Antarctic, California and Australia Chemosphere, Mar 92, v24, n6, p779 Pentachlorophenol in the UK Environment-I. A Budget and Source Inventory Chemosphere, Apr 92, v24, n7, p833

Pentachlorophenol in the UK Environment-II. Human Exposure and an Assessment of Pathways Chemosphere, Apr 92, v24, n7, p847

The Accumulation of Lead in Agricultural Soil and Vegetation Along a Highway Chemosphere, Apr 92, v24, n7, p941

Polychlorinated Dibenzo-p-dioxins (PCDDs) and Polychlorinated Dibensofurans (PCDFs) in Cow's Milk from Switzerland Chemosphere, Apr 92, v24, n8, p1013

PCDDs and PCDFs in Soil Samples from Switzerland Chemosphere, Apr 92, v24, n8, p1095

Triphenyltin Compounds in Mussels in Tokyo Bay after Restriction of Use in Japan Chemosphere, Apr 92, v24, n8, p1103

Bromo-and Bromochloromethanes in the Antarctic Atmosphere and the South Polar Sea Chemosphere, Apr 92, v24, n8, p1293

Organic Contaminants in the Northwest Atlantic Atmosphere at Sable Island, Nova Scotia, 1988-89 Chemosphere, May 92, v24, n9, p1389

Preliminary Study of 15 Organochlorine Pesticides in Lake Xolotlán, Nicaragua Chemosphere, May 92, v24, n9, p1413

Pesticides in Water and Fish from Rivers Flowing into Lake Biwa (II) Chemosphere, May 92, v24, n10, p1523

Measurement of Aliphatic Amines in Ambient Air and Rainwater Chemosphere, May 92, v24, n10, p1533

Levels of PCBs, PCDDs and PCDFs in Soil Samples from Incineration Sites for Metal Reclamation in Taiwan *Chemosphere*, May 92, v24, n11, p1669

Mercury Levels in Dental Surgeries and Dental Personnel in Slovenia *Chemosphere*, June 92, v24, n12, p1731

Chlorophenols in Lake Bottom Sediments: A Retrospective Study of Drinking Water Contamination Chemosphere, June 92, v24, n12, p1805

Evaluation of Modifications of the Simple Spectrofluorometry Method for Estimating Petroleum Hydrocarbon Levels in Fresh and Waste Water Samples

Chemosphere, June 92, v24, n12, p1825

Temporal Distribution and Fractionation of Polychlorinated Biphenyl Congeners in a Contaminated Wisconsin Lake *Chemosphere*, June 92, v24, n12, p1921

Typology of Susceptibilities of Aquatic Insect Larvae to Different Larvicides in a Tropical Environment Chemosphere, June 92, v24, n12, p2009

Bioavailability and Bioconcentration of Polychlorinated Dioxins (PCDD) and Furans (PCDF) to Organisms Inhabiting a Heavily Contaminated Estuarine Ecosystem Chemosphere, July 92, v25, n1,2, p25

Measurement of PCDFs and PCDDs in Air Samples and Lake Sediments at Several Locations in Upstate New York

Chemosphere, July 92, v25, n1,2, p95

Partitioning of Polychlorinated Dioxins and Furans Between Water, Sediments and Biota in Lake Mesocosms Chemosphere, July 92, v25, n1,2, p119

Occurrence and Dynamics of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans and Other Combustion Related Organic Pollutants in the Aquatic Environment of the Baltic *Chemosphere*, July 92, v25, n1,2, p125

Application of Pattern Recognition Techniques to Assessment of Biomagnification and Sources of Polychlorinated Multicomponent Pollutants, Such as PCBs PCDDs and PCDFs Chemosphere, July 92, v25, n1,2, p129

Dioxin Destruction in Catalysts for NO_x-Reduction (SCR-DENO_x) Chemosphere, July 92, v25, n1,2, p135

Formation and Degradation of Chlorinated Aromatic Compounds in an Air Pollution Control Device for MSW Combustor Chemosphere, July 92, v25, n1,2, p139

Foodchain Accumulation of PCDD and PCDF Isomers in the Great Lakes Aquatic Community *Chemosphere*, July 92, v25, n1,2, p181

Polychlorinated Dibenzo-p-Dioxin and Polychlorinated Dibenzofuran Levels and Patterns in Fish and Fish-Eating Wildlife in the Baltic Sea *Chemosphere*, July 92, v25, n1,2, p185

Investigations into the Effects of PCB Congeners on Reproduction in Lake Trout from the Great Lakes *Chemosphere*, July 92, v25, n1,2, p189

Cancer Morbidity in the Seveso Area, 19076-1986 *Chemosphere*, July 92, v25, n1,2, p209

Exposures and Risks of Dioxin in the U.S. Food Supply *Chemosphere*, July 92, v25, n1,2, p235

Serum Levels of PCDDs and PCDFs Among Workers Exposed to 2,3,7,8-TCDD Contaminated Chemicals *Chemosphere*, July 92, v25, n1,2, p251 Determination of PCDDs and PCDFs in Soil Samples from Salzburg, Austria Chemosphere, Aug 92, V25, n3, p283

Atrazine in Ground and Surface Water in Maize Production Areas of the Transvaal, South Africa Chemosphere, Aug 92, v25, n3, p335

Comparison of Chlorinated Hydrocarbon Residues in Human Populations from the Great Lakes and Other Regions of Canada *Chemosphere*, Aug 92, v25, n3, p417

Aquatic Life as Biomonitors of Dioxin/Furan and Coplanar Polychlorinated Biphenyl Contamination in the Sacramento-San Joaquin River Delta

Chemosphere, Aug 92, v25, n4, p621

Application of Multivariate Statistical Analysis to Evaluate Local Sources of Chlorobenzene Congners in Soil Samples

Chemosphere, Sept 92, v25, n5, p675

Volatile Hazardous Hydrocarbons in a Scandinavian Urban Road Tunnel Chemosphere, Sept 92, v25, n5, p691

Chromatographic Separation of the Enantiomers of Marine Pollutants-VI. Comparison of the Enantioselective Degradation of ahexachlorocyclohexane in Marine Biota and Water *Chemosphere*, Sept 92, v25, n5, p719

Large Scale Multi-Element Survey of Atmospheric Deposition Using Naturally Growing Moss as Biomonitor Chemosphere, Sept 92, v25, n5, p735

Mercury in Danish Otters (*Lutra lutra*) Chemosphere, Sept 92, v25, n6, p865

Impact of Farm Waste on Freshwater Invertebrate Abundance and the Feeding Rate of *Gammarus pulex* L. *Chemosphere*, Sept 92, v25, n6, p869

A Cohort Study on Persons Exposed to Phenoxy Acid Herbicides and their Contaminants in Germany-Design and First Results *Chemosphere*, Oct-Nov 92, v25, n7-10, p1007

Dependence of PCDD and PCDF Levels in Human MIlk on Various Parameters in Germany II Chemosphere, Oct-Nov 92, v25, n7-10, p1015

Quantification of Exposure to Dioxins and Furans in a Cohort of Workers of a Herbicide Producing Plant in Hamburg, FRG Chemosphere, Oct-Nov 92, v25, n7-10, p1021

PCDDs and PCDFs in Human Milk-Statistical Evaluation of a 6-Years Survey *Chemosphere*, Oct-Nov 92, v25, n7-10, p1029

Survey of Dairy Products for PCDDs, PCDFs, PCBs and HCB *Chemosphere*, Oct-Nov 92, v25, n7-10, p1039

Dioxin and Dibenzofuran Levels in Blood and Adipose Tissue of Vietnamese from Various Locations in Vietnam in Proximity to Agent Orange Spraying Chemosphere, Oct-Nov 92, v25, n7-10, p1123

Dioxin and Furan (PCDD/PCDF) Levels in Human Blood and Human Milk of People Living in a PCDD/ PCDF Contaminated Area *Chemosphere*, Oct-Nov 92, v25, n7-10, p1135

Breast Milk Contamination by PCDDs, PCDFs and PCBs in Arctic Quebec: A Preliminary Assessment *Chemosphere*, Oct-Nov 92, v25, n7-10, p1245

Sea-Bird Egg Consumption as a Major Source of PCB Exposure for Communities Living Along the Gulf of St. Lawrence *Chemosphere*, Oct-Nov 92, v25, n7-10, p1251

The Use of Biochemical Parameters in Comparative Toxicological Studies With the Cormorant (*Phalacrocorax carbo*) in the Netherlands, The *Chemosphere*, Oct-Nov 92, v25, n7-10, p1265

Internal Quality Assurance Requirements for the Analysis of Dioxins in Environmental Samples

Chemosphere, Oct-Nov 92, v25, n7-10, p1291

Levels of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans in Ambient Urban Air in Sydney, Australia *Chemosphere*, Oct-Nov 92, v25, n7-10, p1361

Japan's Guidelines for Controlling Dioxins and Dibenzofurans in Municipal Waste Treatment Chemosphere, Oct-Nov 92, v25, n7-10, p1393

Reduction of Dioxin Emission from a Municipal Waste Incinerator by Wet Gas Scrubbing *Chemosphere*, Oct-Nov 92, v25, n7-10, p1435

Persistence of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans in Contaminated Soil at Maulach and Rastatt in Southwest Germany Chemosphere, Oct-Nov 92, v25, n7-10, p1449

Analysis of Sewage Sludge for Polyhalogenated Dibenzo-p-Dioxins, Dibenzofurans, and Diphenylethers *Chemosphere*, Oct-Nov 92, v25, n7-10, p1457

Temporal Variability of PCDD/F Concentrations in Sewage Sludge *Chemosphere*, Oct-Nov 92, v25, n7-10, p1463

Persistence of Chlorinated Dioxins and Furans in the Soil Environment *Chemosphere*, Oct-Nov 92, v 25, n7-10, p1469

Sources and Sinks of Dioxins: Germany Chemosphere, Oct-Nov 92, v25, n7-10, p1487

Dioxins in Chinese Technical Pentachlorophenols *Chemosphere*, Oct-Nov 92, v25, n7-10, p1493

PCDD/F in Distillation Residues from Dry Cleaners *Chemosphere*, Oct-Nov 92, v25, n7-10, p1509 PCDDs, PCDFs, and Related Contaminants in the German Food Supply *Chemosphere*, Oct-Nov 92, v25, n7-10, p1539

Foodchain Accumulation of PCDD and PCDF Isomers in the Great Lakes Aquatic Community *Chemosphere*, Oct-Nov 92, v25, n7-10, p1559

Bioaccumulation of Chlorohydrocarbon Pesticides by Fish in the Natural Environment Chemosphere, Dec 92, v25, n11, p1579

Characterization of Organic and Inorganic Pollutants in the Adige River (Italy) Chemosphere, Dec 92, v25, n11, p1665

Retinoids: from Metabolism to Environmental Monitoring *Chemosphere*, Dec 92, v25, n11, p1733

Dioxins and Furans in Residents of a Forest Industry Region of Canada *Chemosphere*, Dec 92, v25, n12, p1741

Passive Water Sampling Via Semipermeable Membrane Devices (SPMDs) in Concert with Bivalves in the Sacramento and San Joaquin River Delta *Chemosphere*, Dec 92, v25, n12, p1811

Levels of Dioxins, Dibenzofurans and Selected Other Chlorinated Organic Compounds in Food from Russia *Chemosphere*, Dec 92, v25, n12, p2009

Desalination

Desalination Technology in the Canary Islands 1990 Desalination, Feb 92, v85, n2, p147

Zero-Discharge Direct-Contact Freezing/Solar Evaporator Desalination Complex Desalination, Feb 92, v85, n2, p179

Electrochemical Behaviour of Al-Brass in Natural Seawater Desalination, Mar 92, v85, n3, p275 Effect of Magnesium Hydroxide (or Hydrate MgO) Formed Under Alkaline Conditions on Brackish Water Pretreatment for Reverse Osmosis

Desalination, Mar 92, v85, n3, p335

The Puraq Seawater Desalination Process - An Update Desalination, Mar 92, v85, n3, p345

Drought-Proofing in Southern California by Seawater Desalting Is Economic Today Desalination, Apr 92, v86, n1, p1

Development of a Reliable Low Cost Reverse Osmosis Desalination Unit for Remote Communities Desalination, Apr 92, v86, n1, p9

Desalination of Agricultural Drainage Water

Desalination, Apr 92, v86, n1, p63

Photochemically Assisted Solar Desalination of Saline Water Desalination, Aug 92, v86, n3, p317

Emerging Legal Issues in Siting Desalination Facilities in California Desalination, Sep 92, v87, n1-3, p1

A Research and Demonstration Project Permit Under the New California Groundwater Recharge Regulations

Desalination, Sep 92, v87, n1-3, p37

Seawater Desalting for Southern California: Technical and Economic Considerations

Desalination, Sep 92, v87, n1-3, p55

Large Scale Seawater Distillation for Southern California *Desalination*, Sep 92, v87, n1-3, p69

Developing and Financing New Water Facilities: Alternatives for Desalination and Reclamation Plants Desalination, Sep 92, v87, n1-3, p85

The Use of Vapor Compression Distillation for Recycling Gray Water as an Early Application in the Antarctic Planetary Analog Desalination, Sep 92, v87, n1-3, p97

Desalting and Groundwater Management in the San Joaquin Valley,

California Desalination, Sep 92, v87, n1-3, p151

Financing Groundwater Desalination in Southern California Desalination, Sep 92, v87, n1-3, p175

Virginia's First Municipal Reverse Osmosis Facility *Desalination*, Sep 92, v87, n1-3, p181

Nine Years of Reverse Osmosis Operation at Englewood *Desalination*, Sep 92, v87, n1-3, p193

Case Study: Marin County, Florida. A Utility's Experience Developing a New Reverse Osmosis-Treatment System

Desalination, Sep 92, v87, n1-3, p249

Use of Aquifer Storage and Recovery Technology to Improve Membrane Water Treatment Plant Efficiency, Collier County, Florida Desalination, Sep 92, v87, n1-3, p269

Baja California Desalination Project Feasibility Study Report. Large Scale Dual Purpose Hybrid Desalination Plant

Desalination, Sep 92, v87, n1-3, p123

Considerations in Assessing for Rehabilitation of Damaged 20 mgd Shuwaikh 'D' Plants Kuwait Desalination, Sep 92, v87, n1-3, p145

Tourism Development and Desalination Systems: Comparative Analysis of Systems' Suitability for Coastal Areas of the Red Sea and Gulf of Aqaba, Egypt Desalination, Sep 92, v87, n1-3, p161

Proceedings of the NWSIA 1992 Biennial Conference, Desalting and Recycling: Meeting Today's Water Challenges, Newport Beach, California

Desalination, Oct 92, v88, n1-3

Optimizing and Planning of Seawater Desalination

Desalination, Nov 92, v89, n1, p1

Floating Nuclear Desalination Plant AFWS-40 *Desalination*, Nov 92, v89, n1, p21

The Technical and Economic Benefits of Centrifugal Reverse

Osmosis Desalination Desalination, Nov 92, v89, n1, p33

Electrochemical Behavior of Copper-Nickel Alloys in Sulphide Polluted Seawater at Moderate Temperatures Desalination, Nov 92, v89, n1, p41

The Application of Solar Energy for Large-Scale Seawater Desalination *Desalination*, Dec 92, v89, n2, p115

Ecology

The Effect of Leaf Litter on Early Seedling Establishment in a Tropical Forest

Ecology, Feb 92, v73, n1, p68

Nitrogen and Phosphorus Fertilization Effects on Venezuelan Montane Forest Trunk Growth and Litterfall *Ecology*, Feb 92, v73, n1, p78

Nitrogenase Activity, Nitrogen Fixation, and Nitrogen Inputs by Lupines at Mount St. Helens *Ecology*, Feb 92, v73, n1, p87

Spatial and Temporal Variability in Defoliation of Australian Eucalypts *Ecology*, Feb 92, v73, n1, p129

A Bite Is a Bite Is a Bite? Constraints on Response to Folivory in *Piper arieianum* (Piperaceae) *Ecology*, Feb 92, v73, n1, p143

Laboratory-Simulated Grazing: Interactive Effects of Defoliation and Canopy Closure on Serengeti Grasses *Ecology*, Feb 92, v73, n1, p170

Predation and Habitat Shift in the House Mouse, *Mus domesticus Ecology*, Feb 92, v73, n1, p313

Results of Experimental and Natural Food Reductions for Breeding Black-Throated Blue Warblers *Ecology*, Feb 92, v73, n1, p357

Stable Isotopes and Planktonic Trophic Structure in Arctic Lakes *Ecology*, Apr 92, v73, n2, p561

Patterns of Gap-Phase Replacement in a Subalpine, Old-Growth Forest *Ecology*, Apr 92, v73, n2, p657

Immediate Impact of Hurricane Hugo on a Puerto Rican Rain Forest *Ecology*, Apr 92, v73, n2, p691

Demography and the Genetically Effective Sizes of Two Populations of Darwin's Finches Ecology, June 92, v73, n3, p766

Sand-Colored Nighthawks Parasitize the Antipredator Behavior of Three Nesting Bird Species *Ecology*, June 92, v73, n3, p785

Corvid Density and Nest Predation in Relation to Forest Fragmentation: a Landscape Perspective Ecology, June 92, v73, n3, p794

Stability, Regulation, and the Determination of Abundance in an Insular Song Sparrow Population *Ecology*, June 92, v73, n3, p805

Reproductive Energetics and Prey Harvest of Leach's Storm-Petrels in the Northwest Atlantic Ecology, June 92, v73, n3, p823

Lotic Macroinvertebrate Production in Three Dimensions: Channel Surface, Hyporheic, and Floodplain Environments Ecology, June 92, v73, n3, p876

Phytoplankton Dynamics and the Role of Grazers in Castle Lake, California Ecology, June 92, v73, n3, p887

Piscivory and Recruitment: Mechanisms Structuring Prey Populations in Small Lakes *Ecology*, June 92, v73, n3, p951

Nonlethal Impacts of Predator Invasion: Faculative Suppression of Growth and Reproduction Ecology, June 92, v73, n3, p959

Absence of Interspecific Competition Among Tallgrass Prairie Grasshoppers During a Drought Ecology. June 92, v73, n3, p1038

Camel Lake: A 40,000-Year Record of Vegetational and Forest History from Northwest Florida *Ecology*, June 92, v73, n3, p1056

A Postfire Shift from Lichen-Spruce to Lichen-Tundra Vegetation at Tree

Line *Ecology*, June 92, v73, n3, p1067

The Demography of Fine Roots in a Northern Hardwood Forest *Ecology*, June 92, v73, n3, p1094

Internal Cycling of Nitrate in Soils of a Mature Coniferous Forest *Ecology*, Aug 92, v73, n4, p1148

Recruitment of Seedlings and Vegatative Sprouts in Unburned Chaparral Ecology, Aug 92, v73, n4, p1194

Riparian Vegetation Recovery Patterns Following Stream Channelization: A Geomorphic Perspective *Ecology*, Aug 92, v73, n4, p1209

Effects of a Severe Drought on the Population Biology of a Tropical Hummingbird *Ecology*, Aug 92, v73, n4, p1375

A Demographic Study of Two Populations of the Seaweed Ascophyllum nodosum Ecology, Aug 92, v73, n4, p1473

Size-Based Demography of the Seaweed *Ascophyllum nodosum* in Stochastic Environments *Ecology*, Aug 92, v73, n4, p1488

Community Structure in Times Past: Influence of Human Fishing Pressure on Algal-Urchin Interactions *Ecology*, Oct 92, v73, n5, p1597

Effects of an Algivorous Minnow on Temperate Stream Ecosystem Properties *Ecology*, Oct 92, v73, n5, p1630

Indirect Effects of Predation in a Freshwater, Benthic Food Chain *Ecology*, Oct 92, v73, n5, p1662

Habitat Heterogeneity and the Functional Significance of Fish in River Food Webs *Ecology*, Oct 92, v73, n5, p1675

Effects of Bird Predation on Grasshopper Densities in an Arizona Grassland *Ecology*, Oct 92, v73, n5, p1706

Ectoparasitism as a Cause of Natal Dispersal in Cliff Swallows *Ecology*, Oct 92, v73, n5, p1718

Population Dynamics of Bacteriophage and *Bacillus subtilis* in Soil *Ecology*, Oct 92, v73, n5, p1888

Rainfall and Grazing Effects on Net Primary Productivity in a Tropical Savanna, India Ecology, Dec 92, v73, n6, p2007

Biogeochemistry of Adjacent Conifer and Alder-Conifer Stands *Ecology*, Dec 92, v73, n6, p2022

The Ecology of Plants, Large Mammalian Herbivores, and Drought in Yellowstone National Park *Ecology*, Dec 92, v73, n6, p2043

Effects of Moose Browsing on Vegetation and Litter of the Boreal Forest *Ecology*, Dec 92, v73, n6, p2059

Maintenance Respiration and Stand Development in a Subalpine Lodgepole Pine Forest *Ecology*, Dec 92, v73, n6, p2100

Effect of Shrubs on Recruitment of *Quercus douglasii* and *Quercus lobata* in California *Ecology*, Dec 92, v73, n6, p2118

Co-Occurring Tree Species Change Rank in Seedling Performance with Resources Varied Experimentally Ecology, Dec 92, v73, n6, p2129

Root Communication Mechanisms and intracommunity Distributions of Two Mojave Desert Shrubs *Ecology*, Dec 92, v73, n6, p2145

Alternative Seed Defense Mechanisms in Congeneric Plants *Ecology*, Dec 92, v73, n6, p2152

Ant-Herbivore Interactions: Reasons for the Absence of Benefits to a Fern with Foliar Nectaries *Ecology*, Dec 92, v73, n6, p2167

Stability of an Aquatic Macroinvertebrate Community in a Multiyear Hydrologic Disturbance Regime *Ecology*, Dec 92, v73, n6, p2192 Life Histories in an Epifaunal Community: Coupling of Adult and Larval Processes *Ecology*, Dec 92, v73, n6, p2244

Tropical Avian Phenology in Relation to Abundance and Exploitation of Food Resources *Ecology*, Dec 92, v73, n6, p2295

Nest Predation and Differential Insular Extinction Among Selected Forest Birds of Central Panama *Ecology*, Dec 92, v73, n6, p2310

Environmental Management

Balancing Urban Development and Endangered Species: The Coachella Valley Habitat Conservation Plan Environmental Management, Jan/Feb 92, v16, n1, p7

German Drinking Water Regulations, Pesticides and Axiom of Concern Environmental Management, Jan/Feb 92, v16, n1, p21

Effect of Weirs on Sediment Deposition in Louisiana Coastal Marshes *Environmental Management*, Jan/Feb 92, v16, n1, p55

Particulate Phosphorous removal via Weland Filtration: An Examination of Potential for Hypertrophic Lake Restoration

Environmental Management, Jan/Feb 92, v16, n1, p67

Use of Cattails in Treating Wastewater from a Pb/Zn Mine *Environmental Management*, Jan/Feb 92, v16, n1, p75

Projecting Future Concentrations of Atmospheric CO₂ with Global Carbon Cycle Models: The Importance of Simulating Historical Changes Environmental Management, Jan/Feb 92, v16, n1, p91

Trends and Patterns in Section 404 Permitting Requiring Compensatory Mitigation in Oregon and Washington, USA Environmental Management, Jan/Feb 92, v16, n1, p109

Information as a Management Tool: An Evaluation of the Pemigewasset Wilderness Management Plan Environmental Management, Mar/ Apr 92, v16, n2, p143

Common Access Tradition and Wilderness Management in Norway: A Paradox for Managers Environmental Management, Mar/ Apr 92, v16, n2, p149

Change in a Petrified Forest and Implications Towards Management Environmental Management, Mar/ Apr 92, v16, n2, p179

Survey of Land Degradation in New South Wales, Australia Environmental Management, Mar/ Apr 92, v16, n2, p205

Exploring the Effects of Multiple Management Objectives and Exotic Species on Great Lakes Food Webs and Contaminant Dynamics Environmental Management, Mar/ Apr 92, v16, n2, p225

Managing Brown Bears and Wilderness Recreation on the Kenai Peninsula, Alaska USA Environmental Management, Mar/Apr 92, v16, n2, p249

A Conceptual Approach to Selection of a Control Measure for Residual Chlorine Discharge in Kuwait Bay *Environmental Management*, May/June 92, v16, n3, p309

Data Search and Environmental Hazard Assessment for Post-Seveso Chemicals Environmental Management, May/ June 92, v16, n3, p317

Environmental Management of Oak Wilt Disease in Central Texas *Environmental Management*, May/June 92, v16, n3, p323

Pinelands National Reserve: An Intergovernmental Approach to Nature Preservation Environmental Management, May/June 92, v16, n3, p335

Wetland Protection as Land-Use Planning: The Impact of Section 404 in Wisconsin USA Environmental Management, May/ June 92, v16, n3, p345 Effect of Public Opinion on National Park Planning in Turkey: A Case Study Environmental Management, May/June 92, v16, n3, p355

Assessing Landscape Dynamics in a Protected Area Environmental Management, May/ June 92, v16, n3, p363

The Littoral Zone of Lake Okeechobee as a Source of Phosphorus after Drawdown Environmental Management, May/ June 92, v16, n3, p371

Study of the Saltwater Pond at Capoterra, Southern Sardinia: General Characteristics Environmental Management, May/ June 92, v16, n3, p381

Evaluating Wilderness Recreational Opportunities: Application of an Impact Matrix *Environmental Management*, May/June 92, v16, n3, p397

New Directions in Mexican Environmental Policy Environmental Management, July/ Aug 92, v16, n4, p465

Energetics and Environmental Costs of Agriculture in a Dry Tropical Region of India Environmental Management, July/Aug 92, v16, n4, p495

Effects of Increased Elevation and Macro-and Micronutrient Additions on *Spartina alterniflora* Transplant Success in Salt-Marsh Dieback Areas in Louisiana *Environmental Management*, July/ Aug 92, v16, n4, p505

Aquaculture and Environmental Stewardship: Milford Shellfish Biology Seminar-1991 Environmental Management, July/ Aug 92, v16, n4, p521

Auditing a Flooded Quarry Prior to Marina Development Environmental Management, July/ Aug 92, v16, n4, p531 Primary Sector and Environment in the Aegean Islands, Greece Environmental Management, Sept/ Oct 92, v16, n5, p569

Change in Environmental Stability and the Use of Resources on Small Islands: The Case of Formentera, Balearic Islands, Spain Environmental Management, Sept/ Oct 92, v16, n5, p575

Landscapes and Environments on the Island of Ouessant, Brittany, France: From Traditional Maintenance to the Management of Abandoned Areas *Environmental Management*, Sept/Oct 92, v16, n5, p613

Caribbean Small-Island Tourism Styles and Sustainable Strategies Environmental Management, Sept/ Oct 92, v16, n5, p619

Multicriteria Analysis as a Tool to Investigate Compatibility between Conservation and Development on Salina Island, Aeolian Archipelago, Italy

Environmental Management, Sept/ Oct 92, v16, n5, p633

Comparison of Trace Metal Contents of Sediments and Mussels Collected Within and Outside Tolo Harbour, Hong Kong Environmental Management, Nov/ Dec 92, v16, n6, p743

Trace Metal Contents of the Pacific Oyster (Crassostrea gigas) Purchased from Markets in Hong Kong Environmental Management, Nov/ Dec 92, v16, n6, p753

Differential Leaching of Nutrient from Soluble vs. Controlled-Release Fertilizers

Environmental Management. Nov/

Environmental Management, Nov/ Dec 92, v16, n6, p769

Why Recycle? A Comparison of Recycling Motivations in Four Communities Environmental Management, Nov/ Dec 92, v16, n6, p785

Cross-Boundary Issues for National Parks: What Works "On the Ground" Environmental Management, Nov/ Dec 92, v16, n6, p799

Environmental Pollution

Active Biomonitoring of Polycyclic Aromatic Hydrocarbons by Means of Mosses

Environmental Pollution, 92, v76, n1, p15

Tolerance to SO₂, NO₂, and Their Mixture in *Plantago major* L. Populations (UK) *Environmental Pollution*, 92, v76, n1, p19

Arrested Municipal Solid Waste Incinerator Fly Ash as a Source of Heavy Metals to the UK Environment Environmental Pollution, 92, v76, n1, p79

Bioavailability, Accumulation and Effects of Heavy Metals in Sediments with Special Reference to United Kingdom Estuaries: A Review *Environmental Pollution*, 92, v76. n2, p89

Occurrence and Vapor Particle Partitioning of Heavy Organic Compounds in Ambient Air in Brazzaville, Congo Environmental Pollution, 92, v76, n2, p147

Microbiological and Chemical Characteristics of an Acidic Stream Draining a Disused Copper Mine Environmental Pollution, 92, v76, n2, p169

Metal Concentrations in Seabirds of the New Zealand Region Environmental Pollution, 92, v75, n3, p289

Organochlorine Contaminants in Narwhal (Monodon monoceros) from the Canadian Arctic Environmental Pollution, 92, v75, n3, p307

Mercury in Flounder (Platichthys flesus L.) from Estuaries and Coastal Waters of the North-East Irish Sea Environmental Pollution, 92, v75, n3, p317

A Classification of Acidified Catchments in Britain Environmental Pollution, 92, v75, n3, p323 A Two-Year Study of Seasonal Indoor Radon Variations in Southern Maryland Environmental Pollution, 92, v76, n3, p195

Impact of Atrazine-Bearing Agricultural Tile Drainage Discharge on Planktonic Drift of a Natural Stream *Environmental Pollution*, 92, v76, n3, p201

Treatment of Wastewater Effluents with Phillipsite-Rich Tuffs Environmental Pollution, 92, v76, n3, p219

Bioaccumulation of Nickel and Vanadium by Clams (Meretrix meretrix) Living in Different Salinities Along the Saudi Coast of the Arabian Gulf Environmental Pollution, 92, v76, n3, p225

Patterns of Contamination by Organochlorines and Mercury in the Eggs of Two River Passerines in Britain and Ireland with Reference to Individual PCB Congeners Environmental Pollution, 92, v76, n3, p233

Soil Lead Levels in a Small Town Environment: A Case Study from Mt. Pleasant, Michigan Environmental Pollution, 92, v76, n3, p251

Effects of Air Filtration on Spring Wheat Grown in Open-Top Field Chambers at a Rural Site. II. Effects on Mineral Partitioning, Sulphur and Nitrogen Metabolism and on Grain Quality Environmental Pollution, 92, v77, n1, p7

Environmental Tritium of the Danube Basin in Yugoslavia Environmental Pollution, 92, v77, n1, p23

Radium-226 Levels and Concentration Ratios Between Water, Vegetation, and Tissues of Ruffed Grouse (Bonasa umbellus) from a Watershed with Uranium Tailings Near Elliot Lake, Canada Environmental Pollution, 92, v77, n1, p39

Some Heavy Metals, Essential Elements, and Chlorinated Hydrocarbons in Polar Bear (*Ursus maritimus*) at Svalbard Environmental Pollution, 92, v77, n1,

Concentrations of Nitrogen Dioxide Throughout the State of Bahrain Environmental Pollution, 92, v77, n1, p71

Comparative Studies of Water Quality in Two Brackish Ponds for Shrimp Cultivation in a Salt Marsh Environmental Pollution, 92, v77, n1, p87

Importance of Natural Soil Processes Relative to Atmospheric Deposition in the Mobility of Aluminium in Forested Watersheds of the Black Forest Environmental Pollution, 92, v77, n2,3, p99

Charge Density of Total Organic Carbon in Finnish Lakes Environmental Pollution, 92, v77, n2,3, p107

Sources of Acidity in Lakes and Streams of the United States Environmental Pollution, 92, v77, n2,3, p115

Artificial Acidification of a Non-Acidic and an Acidic Headwater Stream in Maine, USA *Environmental Pollution*, 92, v77, n2,3, p123

Trace Metals in Interstitial Waters from Sandstones: Acidic Inputs to Shallow Groundwaters *Environmental Pollution*, 92, v77, n2,3, p129

Comparative Impacts of Forest Harvest and Acid Precipitation on Soil and Streamwater Acidity Environmental Pollution, 92, v77, n2,3, p151

Effects of Clearfelling on Stream and Soil Water Aluminium Chemistry in Three UK Forests *Environmental Pollution*, 92, v77, n2,3, p157

Impacts of Afforestation on Water Quality Trends in Two Catchments in

Mid-Wales Environmental Pollution, 92, v77, n2,3, p167

A Statistical Approach to the Regional Use of Critical Loads *Environmental Pollution*, 92, v77, n2,3, p177

Critical Loads for Finnish Lakes: Comparison of Three Steady-State Models Environmental Pollution, 92, v77, n2,3, p185

Critical Loads and Steady-State Chemistry for Streams in the State of Maryland Environmental Pollution, 92, v77, n2,3, p195

An Application and Review of the Critical Load Concept to the Soils of Northern England *Environmental Pollution*, 92, v77, n2,3, p205

Response of the Plastic Lake Catchment, Ontario, to Reduced Sulphur Deposition Environmental Pollution, 92, v77, n2,3, p211

Reversibility of Lake Acidification at the Round Loch of Glenhead, Galloway, Scotland Environmental Pollution, 92, v77, n2,3, p219

Application of Four Watershed Acidification Models to Batchawana Watershed, Canada Environmental Pollution, 92, v77, n2,3, p243

Use of Historical Assessment for Evaluation of Process-Based Model Projections of Future Environmental Change: Lake Acidification in the Adirondack Mountains, New York *Environmental Pollution*, 92, v77, n2,3, p253

Predicting Stream-Water Quality Using Catchment and Soil Chemical Characteristics Environmental Pollution, 92, v77, n2,3, p263

Sensitivity to Change for Low-ANC Eastern US Lakes and Streams and Brook Trout Populations Under Alternative Sulfate Deposition Scenarios Environmental Pollution, 92, v77, n2,3, p269

The MAGIC Simulation of Surface Water Acidification at, and First Year Results from, the Bear Brook Watershed Manipulation, Maine, USA Environmental Pollution, 92, v77, n2,3, p279

The Mixing Zone Between Limed and Acidic River Waters: Complex Aluminium Chemistry and Extreme Toxicity for Salmonids *Environmental Pollution*, 92, v78, n1-3, p3

Changes in Trace Metal Concentrations in Lake Water and Biota During Experimental Acidification of Little Rock Lake, Wisconsin *Environmental Pollution*, 92, v78, n1-3, p9

Reproductive Status, Blood Chemistry, Gill Histology and Growth of Perch (Perca fluviatilis) in Three Acidic Lakes Environmental Pollution, 92, v78, n1-3, p19

Mechanisms of Episodic Acidification in Low-Order Streams in Maine, USA *Environmental Pollution*, 92, v78, n1-3, p37

Water Chemistry and Fish Community Responses to Episodic Stream Acidification in Pennsylvania, USA *Environmental Pollution*, 92, v78, n1-3, p45

A Review of the Likely Causal Pathways Relating the Reduced Density of Breeding Dippers *Cinclus cinclus* to the Acidification of Upland Streams *Environmental Pollution*, 92, v78, n1-

Towards a Model of Acidification
Effects on Waterfowl in Eastern

3, p49

Effects on Waterfowl in Eastern Canada Environmental Pollution, 92, v78, n1-3, p57 Contemporary (1979-1988) and Inferred Historical Status of Headwater Lakes in North Central Ontario, Canada Environmental Pollution, 92, v78, p1-

Environmental Pollution, 92, v78, n1-3, p65

Complex Biological Responses to the Experimental Acidification of Little Rock Lake, Wisconsin, USA *Environmental Pollution*, 92, v78, n1-3, p73

Evidence of Biological Recovery in Acid-Stressed Lakes Near Sudbury, Canada

Environmental Pollution, 92, v78, n1-3, p79

Factors Affecting Trace-Metal Bioaccumulation in Finnish Headwater Lakes

Environmental Pollution, 92, v78, n1-3, p87

Abundance and Population Structure of Perch (*Perca fluviatilis* L.) in Some Acidic Norwegian Lakes *Environmental Pollution*, 92, v78, n1-3, p97

Lake Acidity and Mercury Content of Fish in Darwin National Reserve, Russia *Environmental Pollution*, 92, v78, n1-3, p107

Changes in the Density, Population Structure, Growth and Reproduction of Perch, *Perca fluviatilis* L in Two Acidic Forest Lakes in Southern Finland *Environmental Pollution*, 92, v78, n1-3, p121

Effects of Acidic Water on Freshwater Snails: Results from a Study of 1000 Lakes Throughout Norway *Environmental Pollution*, 92, v78, n1-3, p127

Acid Waters in Upland Wales: Causes, Effects and Remedies Environmental Pollution, 92, v78, n1-3, p141

Recovery of Acid-Sensitive Species of Ephemeroptera, Plecoptera and Trichoptera in River Audna After Liming Environmental Pollution, 92, v78, n1-3, p173 The Effect of Liming Agricultural Land on the Chemistry and Biology of the River Esk, Northwest England Environmental Pollution, 92, v78, n1-3, p179

The Effect of Heavy Metals on Dinitrogen Fixation by Rhizobium-White Clover in a Range of Long-Term Sewage Sludge-Amended and Metal-Contaminated Soils Environmental Pollution, 92, v79, n2, p105

Changes in Primary Productivity Associated with Liming and Reacidification of an Adirondack Lake Environmental Pollution, 92, v79, n2, p127

Long-Term Trends in Organochlorine and Mercury Residues in Some Predatory Birds in Britain Environmental Pollution, 92, v79, n2, p143

Embryonic Abnormalities and Organochlorine Contamination in Double-Crested Cormorants (*Phalacrocorax auritus*) and Caspian Terns (*Hydroprogne caspia*) from the Upper Great Lakes *Environmental Pollution*, 92, v79, n2, p163

Environmental Research

Prevalence of Symptoms of Systemic Lupus Erythematosus (SLE) and of Fluorescent Antinuclear Antibodies Associated with Chromic Exposure to Trichloroethylene and Other Chemicals in Well Water Environmental Research, Feb 92, v57, n1, p1

Respiratory Alterations Due to Urban Air Pollution: An Experimental Study in Rats Environmental Research, Feb 92

Environmental Research, Feb 92, v57, n1, p19

Interactions of Plant Zinc and Plant Species on the Bioavailability of Plant Cadmium to Japanese Quail Fed Lettuce and Spinach Environmental Research, Feb 92, v57, n1, p73

Lead Sources to California Sea Otters: Industrial Inputs Circumvent Natural Lead Biodepletion Mechanisms *Environmental Research*, Apr 92, v57, n2, p163

Percentage of Lifetime Spent in Area of Residence at Time of Death *Environmental Research*, Apr 92, v57, n2, p208

Asbestos-Containing Materials in New York City Buildings Environmental Research, June 92, v58, n1, p15

Elementary School Absences and PM₁₀ Pollution in Utah Valley *Environmental Research*, Aug 92, v58, n2, p204

Expiratory Flows Decreased in Los Angeles Children from 1984 to 1987: Is This Evidence of Effects of Air Pollution? Environmental Research, Oct 92, v59, n1, p150

Fish Consumption and Reproductive Outcomes in Green Bay, Wisconsin *Environmental Research*, Oct 92, v59, n1, p189

Organophosphate Pesticide Exposure in a Group of Washington State Orchard Applicators Environmental Research, Oct 92, v59, n1, p229

Blood Lead Levels in Incinerator Workers Environmental Research, Oct 92, v59, n1, p265

A Retrospective Mortality Cohort Study of Chrysotile Asbestos Products Workers in Tianjin 1972-1987 Environmental Research, Oct 92, v59, n1, p271

Perspective. Defining Lead as the Premiere Environmental Health Issue for Children in America: Criteria and Their Quantitative Application *Environmental Research*, Dec 92, v59, n2, p281

Reassessment of Lead Exposure in New Jersey Using GIS Technology Environmental Research, Dec 92, v59, n2, p318 Air Pollution and Daily Mortality: Associations with Particulates and Acid Aerosols *Environmental Research*, Dec 92, v59, n2, p362

Temporal Patterns in Air Pollution and Hospital Admissions Environmental Research, Dec 92, v59, n2, p374

Environmental Science and Technology

Examining a Critically Ill Environment

Environmental Science and Technology, Jan 92, v26, n1, p14

Report Card: U.S. Undergraduate Environmental Education Environmental Science and Technology, Jan 92, v26, n1, p34

Chemistry of Rime and Snow Collected at a Site in the Central Washington Cascades Environmental Science and Technology, Jan 92, v26, n1, p61

Isotopic Composition of Sulfur in Mosses Across Canada Environmental Science and Technology, Jan 92, v26, n1, p85

Mass Spectrometric Analysis for Aromatic Compounds in Bile of Fish Sampled after the Exxon Valdez Oil Spill

Environmental Science and Technology, Jan 92, v26, n1, p116

Gas-and Particle-Phase Concentrations of a-Hexachlorocyclohexane g-Hexachlorocyclohexane, and Hexachlorobenzene In Ontario Air *Environmental Science and Technology*, Jan 92, v26, n1, p126

Toxic Volatile Organic Compounds in Urban Air in Illinois Environmental Science and Technology, Jan 92, v26, n1, p165

Indoor Ozone and Nitrogen Dioxide: A Potential Pathway to the Generation of Nitrate Radicals, Dinitrogen Pentaoxide and Nitric Acid Indoors Environmental Science and Technology, Jan 92, v26, n1, p179 Petroleum Contamination of an Elementary School: A Case History Involving Air, Soil-Gas, and Groundwater Monitoring Environmental Science and Technology, Jan 92, v26, n1, p185

Annual Cycle of Polychlorinated Biphenyls and Organohalogen Pesticides in Air in Southern Ontario 1. Air Concentration Data Environmental Science and Technology, Feb 92, v26, n2, p266

Annual Cycle of Polychlorinated Biphenyls and Organohalogen Pesticides In Air in Southern Ontario 2. Atmospheric Transport and Sources

Environmental Science and Technology, Feb 92, v26, n2, p276

Lake Productivity and Water Chemistry as Governors of the Uptake of Persistent Pollutants in Fish *Environmental Science and Technology*, Feb 92, v26, n2, p346

Differential Transport of Sewage-Derived Nitrogen and Phosphorus Through a Coastal Watershed Environmental Science and Technology, Feb 92, v26, n2, p352

Phenoxyalkanoic Acid Herbicides in Municipal Landfill Leachates Environmental Science and Technology, Mar 92, v26, n3, p517

Source Apportionment of Indoor Aerosols in Suffolk and Onondaga Counties New York Environmental Science and Technology, Mar 92, v26, n3, p521

Herbicide Transport in Rivers: Importance of Hydrology and Geochemistry in Nonpoint-Source Contamination Environmental Science and Technology, Mar 92, v26, n3, p538

Determination of Mutagencity in Sediments of the Aberjona Watershed Using Human Lymphoblast and Salmonella typhimurium Mutation Assays

Environmental Science and Technology, Mar 92, v26, n3, p599

Sensitivity of Acid Production/ Deposition to Emission Reductions Environmental Science and Technology, Apr 92, v26, n4, p715

Chemical Contamination and Associated Fish Diseases in San Diego Bay *Environmental Science and Technology*, Apr 92, v26, n4, p725

Characterization of Individual Giant Aerosol Particles above the North Sea Environmental Science and Technology, Apr 92, v26, n4, p750

Laser Microprobe Mass Analysis of Individual North Sea Aerosol Particles

Environmental Science and Technology, Apr 92, v26, n4, p802

Bioassay-Directed Chemical Analysis of Genotoxic Components in Coastal Sediments

Environmental Science and Technology, Apr 92, v26, n4, p817

Analyte Stability Studies Conducted During the National Pesticide Survey Environmental Science and Technology, May 92, v26, n5, p921

Deposition of S and NO_x Nitrogen to the Great Lakes Estimated with a Regional Deposition Model Environmental Science and Technology, May 92, v26, n5, p970

Chemical Characterization of Mutagenic Fractions of Particles from Indoor Coal Combustion: A Study of Lung Cancer in Xuan Wei, China Environmental Science and Technology, May 92, v26, n5, p999

Surface Tension of Wastewater Samples Measured by the Drop Volume Method Environmental Science and Technology, May 92, v26, n5, p1036

Measurement of Sub-ppbv Concentrations of Aldehydes in a Forest Atmosphere Using a New HPLC Technique

Environmental Science and Technology, June 92, v26, n6, p1174

Chromium Redox Chemistry in a Lower Mississippi Valley Bottomland Hardwood Wetland Environmental Science and Technology, June 92, v26, n6, p1217 Fate and Transport of Detroit River Derived Pollutants Throughout Lake Erie

Environmental Science and Technology, July 92, v26, n7, p1333

Evidence for Rapid, Nonbiological Degradation of Tributyltin Compounds in Autoclaved and Heat-Treated Fine-Grained Sediments *Environmental Science and Technology*, July 92, v26, n7, p1382

Sorption of Dissolved Organic Carbon by Hydrous Aluminum and Iron Oxides Occurring at the Confluence of Deer Creek with the Snake River, Summit County, Colorado

Environmental Science and Technology, July 92, v27, n7, p1388

Flux Estimates and Pattern Recognition of Particulate Polycyclic Aromatic Hydrocarbons, Polychlorinated Dibenzo-p-Dioxins, and Dibenzofurans in the Waters Outside Various Emission Sources on the Swedish Baltic Coast

Environmental Science and Technology, July 92, v27, n7, p1444

A History of Octachlorodibenzo-p-Dioxin, 2,3,7,8-

Tetrachlorodibenzofuran, and 3,3', 4,4'-Tetrachlorobiphenyl Contamination in Howe Sound, British Columbia

Environmental Science and Technology, Aug 92, v26, n8, p1544

Spatial and Temporal Distribution of Atmospheric Nitric Acid and Particulate Nitrate Concentrations in the Los Angeles Area

Environmental Science and Technology, Aug 92, v26, n8, p1594

Partitioning of Polycyclic Aromatic Hydrocarbons to Marine Porewater Organic Colloids

Environmental Science and Technology, Aug 92, v26, n8, p1621

Historical Inputs of Polychlorinated Biphenyls and Other Organochlorines to a Dated Lacustrine Sediment Core in Rural England

Environmental Science and Technology, Sep 92, v26, n9, p1815

Dissolution Behavior of Iron Cyanide (Prussian Blue) in Contaminated Soils

Environmental Science and Technology, Sep 92, v26, n9, p1832

Structural Variations in Individual Carbonaceous Particles from an Urban Aerosol

Environmental Science and Technology, Oct 92, v26, n10, p1967

Industry-Wide Performance in a Pilot Performance Evaluation Sample Program for Hazardous Materials Laboratories. 1. Elemental Precision and Accuracy

Environmental Science and Technology, Nov 92, v26, n11, p2095

Industry-Wide Performance in a Pilot Performance Evaluation Sample Program for Hazardous Materials Laboratories 2. Precision and Accuracy of Polychlorinated Biphenyls Environmental Science and Technology, Nov 92, v26, n11, p2101

Gas Chromatographic Separation of the Enantiomers of Marine Pollutants. 4. Fate of Hexachlorocyclohexane Isomers in the Baltic and North Sea Environmental Science and Technology, Nov 92, v26, n11, p2127

Behavior of Urban Dust Contaminated by Chernobyl Fallout: Environmental Half-Lives and Transfer Coefficients

Environmental Science and Technology, Nov 92, v26, n11, p2142

Anthropogenic Silver in the Southern California Bight: A New Tracer of Sewage in Coastal Waters Environmental Science and Technology, Nov 92, v26, n11, p2147

Characterization of Individual Particles in the North Sea Surface Microlayer and Underlying Seawater: Comparison with Atmospheric Particles

Environmental Science and Technology, Nov 92, v26, n11, p2151

Compound Detection and Concentration Estimation by Open-Path Fourier Transform Infrared Spectrometry and Canisters Under Controlled Field Conditions Environmental Science and Technology, Nov 92, v26, n11, p2175

Sulfate Stimulation of Mercury Methylation in Freshwater Sediments Environmental Science and Technology, Nov 92, v26, n11, p2281

Respeciation of Organic Gas Emissions and the Detection of Excess Unburned Gasoline in the Atmosphere

Environmental Science and Technology, Dec 92, v26, n12, p2395

A Reconnaissance Study of Herbicides and their Metabolites in Surface Water of the Midwestern United States Using Immunoassay and Gas Chromatography/Mass Spectrometry Environmental Science and Technology, Dec 92, v26, n12, p2440

Personal Exposures to Acid Aerosols and Ammonia Environmental Science and Technology, Dec 92, v26, n12, p2507

Seasonal Variations and Modes of Riverine Input of Organic Pollutants to the Coastal Zone: 1. Flux of Detergent-Derived Pollutants to Tokyo Bay Environmental Science and Technology, Dec 92, v26, n12, p2517

Environmental Toxicology and Chemistry

Occurrence and Fate of Tributyl-and Triphenyltin Compounds in Western Mediterranean Coastal Enclosures Environmental Toxicology and Chemistry, 92, v11, n2, p145

An Example of the Identification of Diazinon as a Primary Toxicant in an Effluent Environmental Toxicology and Chemistry, 92, v11, n2, p209

Testing Sediment Toxicity in Chesapeake Bay with the Amphipod Leptocheirus plumulosus: An Evaluation Environmental Toxicology and Chemistry, 92, v11, n2, p225 Assessment of Methods for Estimating Ecological Risk in the Terrestrial Component: A Case Study at the Baird and McGuire Superfund Site in Holbrook, Massachusetts *Environmental Toxicology and Chemistry*, 92, v11, n2, p245

Using Ratios of Stable Nitrogen Isotopes to Estimate Bioaccumulation and Flux of Polychlorinated Dibenzop-Dioxins (PCDDs) and Dibenzofurans (PCDFs) in Two Food Chains from the Northern Baltic Environmental Toxicology and Chemistry, 92, v11, n3, p331

Effects of Fenvalerate on the Early Life Stages of Topsmelt (Atherinops affinis) Environmental Toxicology and Chemistry, 92, v11, n3, p409

Evaluation of EPA's Rapid Bioassessment Benthic Metrics: Metric Redundancy and Variability Among Reference Stream Sites Environmental Toxicology and Chemistry, 92, v11, n4, p437

Evaluation of Community and Ecosystem Monitoring Parameters at a High-Elevation, Rocky Mountain Study Site Environmental Toxicology and Chemistry, 92, v11, n4, p459

Radon Remediation Studies in Northern Virginia and Southern Maryland Environmental Toxicology and Chemistry, 92, v11, n4, p481

The Use of Freshwater and Saltwater Animals to Distinguish Between the Toxic Effects of Salinity and Contaminants in Irrigation Drain Water Environmental Toxicology and Chemistry, 92, v11, n4, p503

Toxicity of Trace Element and Salinity Mixtures to Striped Bass (Morone saxatilis) and Daphnia magna Environmental Toxicology and Chemistry, 92, v11, n4, p513

Comparison of Growth and Mortality in Juvenile Sand Dollars (*Dendraster excentricus*) as Indicators of Contaminated Marine Sediments

Environmental Toxicology and Chemistry, 92, v11, n4, p559

Uncertainty and Sediment Quality Assessments: I. Confidence Limits for the Triad Environmental Toxicology and Chemistry, 92, v11, n5, p637

Uncertainty and Sediment Quality Assessments: II. Effects of Correlations Between Contaminants on the Interpretation of Apparent Effects Threshold Data Environmental Toxicology and Chemistry, 92, v11, n5, p645

Fate and Biological Effects of Contaminated Vegetation in a Tennessee Stream Environmental Toxicology and Chemistry, 92, v11, n5, p653

Genetic Indicators of Environmental Stress in Central Mudminnow (Umbra limi) Populations Exposed to Acid Deposition in the Adirondack Mountains Environmental Toxicology and

Bioindicators of Contaminant Exposure and Sublethal Effects: Studies with Benthic Fish in Puget Sound, Washington Environmental Toxicology and Chemistry, 92, v11, n5, p701

Chemistry, 92, v11, n5, p665

Matrix Decision Procedure to Assess New Pesticides Based on Relative Groundwater Leaching Potential and Chronic Toxicity Environmental Toxicology and Chemistry, 92, v11, n5, p721

Pesticides in Ground Water, Surface Water, and Spring Runoff in a Small Saskatchewan Watershed *Environmental Toxicology and Chemistry*, 92, v11, n6, p741

Lead, Cadmium, Selenium and Mercury in Seabird Feathers from the Tropical Mid-Pacific Environmental Toxicology and Chemistry, 92, v11, n6, p815

Ecosystem-Level Changes That May be Expected in a Changing Global Climate: A British Columbia Perspective Environmental Toxicology and Chemistry, 92, v11, n8, p1061

Forest Health Along a Wet Sulfate/ pH Deposition Gradient in North-Central Pennsylvania Environmental Toxicology and Chemistry, 92, v11, n8, p1095

Implications of Physiological Responses to Chronic Air Pollution for Forest Decline in the Southeastern United States Environmental Toxicology and Chemistry, 92, v11, n8, p1105

Impact of Ozone on Loblolly Pine Seedling Foliage Production and Retention Environmental Toxicology and Chemistry, 92, v11, n8, p1115

Environmental Effects of Saline Oil-Field Discharges on Surface Waters Environmental Toxicology and Chemistry, 92, v11, n8, p1187

The Effect of Wood Species Composition on the Toxicity of Simulated Mechanical Pulping Effluents *Environmental Toxicology and Chemistry*, 92, v11, n9, p1259

Effects of Forest Spraying with Two Application Rates of Cypermethrin on Food Supply and on Breeding Success of the Blue Tit (Parus caeruleus)

Environmental Toxicology and Chemistry, 92, v. 1, n9, p1271

Polychlorinated Biphenyl Residues and Egg Mortality in Double-Crested Cormorants from the Great Lakes Environmental Toxicology and Chemistry, 92, v11, n9, p1281

Response of Female California Quail (Callipepla californica) to Methyl Parathion Treatment of Their Home Ranges During the Nesting Period Environmental Toxicology and Chemistry, 92, v11, n9, p1337

Ambient Toxicity Testing in the Chesapeake Bay Watershed Using Freshwater and Estuarine Water Column Tests

Environmental Toxicology and Chemistry, 92, v11, n10, p1409

Response of Hepatic MFO Activity and Plasma Sex Steriods to Secondary Treatment of Bleached Kraft Pulp Mill Effluent and Mill Shutdown Environmental Toxicology and Chemistry, 92, v11, n10, p1427

Extracts from Settling Particulate Matter Collected in the Stockholm Archipelago Waters: Embryolethality, Immunotoxicity and EROD-Inducing Potency of Fractions Containing Aliphatics/Monoaromatics, Diaromatics or Polyaromatics Environmental Toxicology and Chemistry, 92, v11, n10, p1441

Treated Municipal Wastewaters: Effects of Organic Fractions on Development and Growth of Fishes Environmental Toxicology and Chemistry, 92, v11, n10, p1451

Toxicity of Endosulfan to Native and Introduced Fish in Australia Environmental Toxicology and Chemistry, 92, v11, n10, p1469

The Biological Significance of Contaminants in Sediment from Hamilton Harbour, Lake Ontario Environmental Toxicology and Chemistry, 92, v11, n11, p1527

Sediment Bioassessment in Halifax Harbour Environmental Toxicology and

Chemistry, 92, v11, n11, p1567

DNA Adducts Dectected in Muskrats by 32P-postlabeling Analysis Environmental Toxicology and Chemistry, 92, v11, n11, p1605

Copper and Zinc in Estuarine Water: Chemical Speciation in Relation to Bioavailability to the Marine Planktonic Diatom Ditylum brightwellii Environmental Toxicology and Chemistry, 92, v11, n11, p1615

Effects of Bleached Kraft Mill Effluent on Fish in the St. Maurice River, Quebec Environmental Toxicology and Chemistry, 92, v11, n11, p1635

A Framework for Ecological Risk Assessment at the EPA Environmental Toxicology and Chemistry, 92, v11, n12, p1663

A European Perspective on Ecological Risk Assessment, Illustrated by Pesticide Registration Procedures in the United Kingdom Environmental Toxicology and Chemistry, 92, v11, n12, p1673

Of Measured Risks: The Environmental Impacts of the Prudhoe Bay, Alaska, Oil Field Environmental Toxicology and Chemistry, 92, v11, n12, p1691

Estuaries

Mapping of Benthic Enrichment Patterns in Narragansett Bay, Rhode Island

Estuaries, Mar 92, v15, n1, p1

Nutrient Limitation of the Macroalga, Penicillus capitatus, Associated with Subtropical Seagrass Meadows in Bermuda

Estuaries, Mar 92, v15, n1, p18

Sources of Nitrogen and Phosphorus to Northern San Francisco Bay Estuaries, Mar 92, v15, n1, p40

Evapotranspiration in Tidal Marshes Estuaries, Mar 92, v15, n1, p59

The Influence of Upwelling and Short-Term Changes in Concentrations of Nutrients in the Water Column on Fluxes Across the Surface of a Salt Marsh Estuaries, Mar 92, v15, n1, p68

A Watershed Nitrogen and Phosphorus Balance: The Upper Potomac River Basin

Estuaries, Mar 92, v15, n1, p83

The Influence of Episodic Weather Events on Tidal Residual Currents: A Case Study at Sebastian Inlet, Florida Estuaries, June 92, v15, n2, p109

Coastal Saltmarsh Development at Southern Topsail Sound, North Carolina Estuaries, June 92, v15, n2, p122

The Paleoecological Development of a Late Holocen, Tidal Freshwater Marsh of the Upper Delaware River

Estuaries, June 92, v15, n2, p130

The Relative Importance of Biotic and Abiotic Vectors in Nutrient Transport Estuaries, June 92, v15, n2, p147

Recruitment and Growth of the Eastern Oyster, Crassostrea virginica, in North Carolina Estuaries, June 92, v15, n2, p158

Fauna of Polyhaline Subtidal Marsh Creeks in Southern New Jersey: Composition, Abundance and **Biomass** Estuaries, June 92, v15, n2, p171

Secondary Production of the Amphipod Ampelisca abdita Mills and its Importance in the Diet of Juvenile Winter Flounder (Pleuronectes americanus) in Jamaica Bay, New York

Estuaries, June 92, v15, n2, p193

The Introduction and Spread of Smooth Cordgrass (Spartina alterniflora) in South San Francisco

Estuaries, June 92, v15, n2, p218

Green-Winged Teal Ingest Epibenthic Meiofauna Estuaries, June 92, v15, n2, p227

Seasonality and Abundance of Ichthyoplankton in Great South Bay, New York Estuaries, June 92, v15, n2, p230

Dominance of Tilapia mossambica, an Introduced Fish Species in Three Puerto Rico Estuaries Estuaries, June 92, v15, n2, p239

Dispersion of the Salt-Marsh Periwinkle Littoraria irrorata: Effects of Water Level, Size and Season Estuaries, June 92, v15, n2, p246

Influence of Salt Front Position on the Occurrence of Uncommon Marine Fishes in the Hudson River Estuary Estuaries, June 92, v15, n2, p251

Sulfide Variation in the Pore and Surface Waters of Artificial Salt-Marsh Ditches and a Natural Tidal

Estuaries, Sep 92, v15, n3, p257

Stratification and Bottom-Water Hypoxia in the Pamlico River Estuary Estuaries, Sep 92, v15, n3, p270

Spawning Origin of Small, Late-Hatched Atlantic Herring (Clupea harengus) Larvae in a Maine Estuary Estuaries, Sep 92, v15, n3, p282

Vitellogenin in Winter Flounder (Pleuronectes americanus) from Long Island Sound and Boston Harbor

Estuaries, Sep 92, v15, n3, p289

The Trophic Consequences of Oyster Stock Rehabilitation in Chesapeake Bay

Estuaries, Sep 92, v15, n3, p298

The Effect of Freshwater Inflow on Meiofaunal and Macrofaunal Populations in the Guadalupe and Nueces Estuaries

Estuaries, Sep 92, v15, n3, p307

Comparisons between the Diets of Distant Taxa (Teleost and Cormorant) in an Australian Estuary *Estuaries*, Sep 92, v15, n3, p327

Environmental Factors Associated with Long-Term Changes in Chlorophyll Concentration in the Sacramento-San Joaquin Delta and Suisun Bay, California *Estuaries*, Sep 92, v15, n3, p335

Ammonium and Phosphate Dynamics in a Virginia Salt Marsh Estuaries, Sep 92, v15, n3, p349

Effects of Low Dissolved Oxygen Events on the Macrobenthos of the Lower Chesapeake Bay Estuaries, Sep 92, v15, n3, p384

Enclosure Experiments on Survival and Growth of Black Drum Eggs and Larvae in Lower Chesapeake Bay *Estuaries*, Sep 92, v15, n3, p392

The Ichthyofauna and Abiotic Hydrological Environment of the Ria de Aveiro, Portugal Estuaries, Sep 92, v15, n3, p403

Nutrient Flux in a Landscape: Effects of Coastal Land Use and Terrestrial Community Mosaic on Nutrient Transport to Coastal Waters *Estuaries*, Dec 92, v15, n4, p431

Couplings of Watersheds and Coastal Waters: Sources and Consequences of Nutrient Enrichment in Waquoit Bay, Massachusetts

Estuaries, Dec 92, v15, n4, p443

Analytical Descriptions of Subaqueous Groundwater Seepage *Estuaries*, Dec 92, v15, n4, p458

Nutrient Inputs from the Watershed and Coastal Eutrophication in the Florida Keys Estuaries, Dec 92, v15, n4, p465

Ecosystem Functioning in the German Bight Under Continental Nutrient Inputs by Rivers *Estuaries*, Dec 92, v15, n4, p477

External Nutrient Sources, Internal Nutrient Pools, and Phytoplankton Production in Chesapeake Bay *Estuaries*, Dec 92, v15, n4, p497

Macroalgae, Nutrient Cycles, and Pollutants in the Lagoon of Venice *Estuaries*, Dec 92, v15, n4, p517

Loss of Nutrients from Catchments and Their Ecological Impacts in the Peel-Harvey Estuarine System, Western Australia Estuaries, Dec 92, v15, n4, p529

Eutrophication, Water Management, and the Functioning of Dutch Estuaries and Coastal Lagoons *Estuaries*, Dec 92, v15, n4, p538

A Comparison of Ecosystem Dynamics in Freshwater Wetlands *Estuaries*, Dec 92, v15, n4, p549

Freshwater Biology

Life History and Production of the Predatory Caddisfly *Rhyacophila vao* Milne in a Spring-Fed Stream *Freshwater Biology*, Feb 92, v27, n1, p1

Variation in Genetic Structure Among Populations of the Northern Caddisfly *Helicopsyche borealis* from Three Streams in Northern California, United StatesA.

Freshwater Biology, Feb 92, v27, n1, p29

An Experimental Study of the Influence of Periphytic Algae on

Invertebrate Abundance in a Hong Kong Stream Freshwater Biology, Feb 92, v27, n1, p53

Distribution of Ephemeroptera, Plecoptera, and Trichoptera of Three Maritime Catchments Differing in pH Freshwater Biology, Feb 92, v27, n1, p65

Indirect Effect of Fish on Foraging Behaviour and Leaf Processing by the Isopod *Lirceus fontinalis* Freshwater Biology, Feb 92, v27, n1, p91

The Ecology of Two Intermittent Streams in Victoria, Australia II. Comparisons of Faunal Composition between Habitats, Rivers and Years Freshwater Biology, Feb 92, v27, n1, p99

The Ecoloby of Two Intermittent Streams in Victoria, Australia III. Temporal Changes in Faunal Composition Freshwater Biology, Feb 92, V27, n1, p123

Community Structure of Larval Chironomidae (Diptera) in a Backwater Area of the River Danube Freshwater Biology, Apr 92, v27, n2, p151

Patch Distribution of Interstitial Communities: Prevailing Factors Freshwater Biology, Apr 92, v27, n2, p177

The Effects of Stream Acidity on Benthic Invertebrate Communities in the Southeastern United States Freshwater Biology, Apr 92, v27, n2, p193

Physiological characteristics of Inorganic Nitrogen Uptake by Spatially Separate Algal Communities in a Nitrogen-Deficient Lake Freshwater Biology, Apr 92, v27, n2, p227

Plant-Herbivore Interactions in Streams Near Mount St. Helens Freshwater Biology, Apr 92, v27, n2, p237 The Relationship between pH and Community Structure of Invertebrates in Streams of the Shenandoah National Park, Virginia, USA. *Freshwater Biology.*. Apr 92, v27, n2, p261

Efficient Estimation of Temperature Distribution, Heat Storage, Thermocline Migration and Vertical Eddy Conductivities in Stratified Lakes *Freshwater Biology*, June 92, v27, n3, p307

The Influence of Periphyton, Detritus and Shelter on Invertebrate Colonization of Aquatic Bryophytes *Freshwater Biology*, June 92, v27, n3, p327

Allochthonous Coarse Particulate Organic Material in Forest and Pasture Reaches of Two South-Eastern Australian Streams I. Litter Accession Freshwater Biology, June 92, v27, n3, p341

Allochthonous Coarse Particulate Organic Material in Forest and Pasture Reaches of Two South-Eastern Australian Streams II. Litter Processing Freshwater Biology, June 92, v27, n3, p353

The Drifting of Invertebrates and Particulate Organic Matter in an Austrian Mountain Brook Freshwater Biology, June 92, v27, n3, p367

Quantification of Submerged Wood in a Lowland Australian Stream System Freshwater Biology June 92, v27, n3, p387

Invertebrate Drift in a Large, Braided New Zealand River Freshwater Biology, June 92, v27, n3, p405

A Weighted-Averaging Regression and Calibration Model for Inferring Total Phosphorus Concentration from Diatoms in British Columbia (Canada) Lakes Freshwater Biology, June 92, v27, n3, p417 Biogeochemistry of Billabong Sediments II. Seasonal Variations in Methane Production Freshwater Biology, June 92, v27, n3, p435

Decline of Charophytes During Eutrophication: Comparison with Angiosperms Freshwater Biology, Aug 92, v28, n1, p9

Long- and Short-Term Dynamics of Submerged Macrophyes in Two Shallow Eutrophic Lakes Freshwater Biology, Aug 92, v28, n1, p15

Population Responses of the Freshwater Amphipod Crustacean Gammarus pulex (L.) to Copper Freshwater Biology, Aug 92, v28, n1, p29

Fluxes of Bacteria and Organic Matter into a Blackwater River from River Sediments and Floodplain Soils Freshwater Biology, Aug 92, v28, n1, p37

Carotenoids, Photoprotection and Food Web Links in Lake Baikal *Freshwater Biology*, Aug 92, v28, n1, p49

Diatom Communities Along Stream Longitudinal Gradients Freshwater Biology, Aug 92, v28, n1, p59

First-Year Benthic Recovery of a Headwater Stream Following a 3-Year Insecticide-Induced Disturbance Freshwater Biology, Aug 92, v28, n1, p81

The Coexistence of *Bosmina* and *Ceriodaphnia* in a South Andes Lake: An Analysis of Demographic Responses

Freshwater Biology, Aug 92, v28, n1, p93

Populations Dynamics and Resource Utilization by Larval Chironomidae (Diptera) in a Backwater Area of the River Danube

Freshwater Biology, Aug 92, v28, n1, p111

Reversal of Eutrophication in Lake Geneva: Evidence from Oligochaete Communities Freshwater Biology, Oct 92, v28, n2, p145

Abundance, Body Composition and Reproductive Output of *Gammarus minus* (Crustacea: Amphipoda) in Ten Cold Springs Differing in pH and Ionic Content *Freshwater Biology*, Oct 92, v28, n2, p149

Nutrients, Algae and Grazers in Some British Streams of Contrasting pH Freshwater Biology, Oct 92, v28, n2, p173

Changes in the Abundance and Composition of Cyclopoid Copepods Following Fish Manipulation in Eutrophic Lake Vaeng, Denmark Freshwater Biology, Oct 92, v28, n2, p183

The Reproductive Success of the Dipper *Cinclus cinclus* in Relation to the Acidity of Streams in South-West Scotland *Freshwater Biology*, Oct 92, v28, n2, p195

Distribution and Feeding Behaviour of Field Populations of the Water Cricket *Velia caprai* (Hemiptera) *Freshwater Biology*, Oct 92, v28, n2, p231

Mortality of the Terrestrial Adult and Aquatic Nymphal Life Stages of Baetis vernus and Baetis rhodani in the Breitenbach, Germany (Insecta: Ephemeroptera Freshwater Biology, Oct 92, v28, n2, p249

Extreme Cyclomorphosis in *Daphnia lumholtzi Freshwater Biology*, Oct 92, v28, n2, p257

Mixotrophic Algae in Three Ice-Covered Lakes of the Pocono Mountains, USA. Freshwater Biology, Oct 92, v28, n2, p263

Herbivory of Invertebrates on Submerged Macrophytes from Danish Freshwaters Freshwater Biology, Dec 92, v28, n3, p301 Ecology of Invertebrate Predators in a Coastal Plain Stream *Freshwater Biology*, Dec 92, v28, n3, p319

Simultaneous Patterns of Temperature, Oxygen, Zooplankton and Fish Distribution in Lake Kinneret, Israel *Freshwater Biology*, Dec 92, v28, n3, p337

Limiting Nutrients for Periphyton Growth in Sub-Alpine, Forest, Agricultural and Urban Streams Freshwater Biology, Dec 92, v28, n3, p349

The Morphometry and Hydrology of Oak Mere, A Lowland Kataglacial Lake in the North-West Midlands, England

Freshwater Riology, Dec 92, v28, p3

Freshwater Biology, Dec 92, v28, n3, p369

Ground Water

Comparative Hydrogeology of Fresh-Water Lenses of Bermuda and Great Exuma Island, Bahamas *Ground Water*, Jan-Feb 92, v30, n1, p15

Hydraulic Barriers in Pleistocene Buried-Valley Aquifers Ground Water, Jan-Feb 92, v30, n1, p21

Competitive Exclusion of Sulfate Reduction by Fe(III)-Reducing Bacteria: A Mechanism for Producing Discrete Zones of High-Iron Ground Water Ground Water, Jan-Feb 92, v30, n1,

Unsteady Ground-Water Flow Toward Extended Wells Ground Water, Jan-Feb 92, v30, n1, p61

Influence of Pore Pressure on Apparent Dispersivity of a Fissured Dolomitic Aquifer Ground Water, Jan-Feb 92, v30, n1, p87

The Topographic Approach to Locating High-Yield Wells in Crystalline Rocks: Does It Work? *Ground Water*, Jan-Feb 92, v30, n1, p96

Hydrogeologic Characteristics and Deforestation of the Stone Forest Karst Aquifers of South China Ground Water, Mar-Apr 92, v30, n2, p167

Geochemical and Kinetic Evolution of a Karst Flow System: Laurel Creek, West Virginia Ground Water, Mar-Apr 92, v30, n2, p186

Salt-Water Upcoming in an Aquifer Overlain by a Leaky Confining Bed *Ground Water*, Mar-Apr 92, v30, n2, p192

Inverse Analytical Techniques Applied to Coincident Contaminant Distributions at Otis Air Force Base, Massachusetts Ground Water, Mar-Apr 92, v 30, n2, p212

Methanogenic Biodegradation of Creosote Contaminants in Natural and Simulated Ground-Water Ecosystems Ground Water, Mar-Apr 92, v30, n2, p232

The Use of Solute and Isotopic Chemistry to Identify Flow Patterns and Factors Which Limit Acid Mine Drainage in the Wasatch Range, Utah Ground Water, Mar-Apr 92, v30, n2, p243

Exploration and Development of Ground Water from the Stone Forest Karst Aquifers of South China Ground Water, May-June 92, v30, n3, p324

Fresh-Water/Sea-Water Relationship Within a Ground-Water Flow System, Northeastern Coast of the Yucatan Peninsula *Ground Water*, May-June 92, v30.

Ground Water, May-June 92, v30, n3, p343

Potentiometric and Aquifer Property Changes Above Subsiding Longwall Mine Panels, Iilinois Basin Coalfield *Ground Water*, May-June 92, v30, n3, p362

Hydrograph Analysis in a Fractured Rock Terrane *Ground Water*, May-June 92, v30, n3, p390

Analysis of Ground-Water Flow and Injection Fluid Transport in the Floridan Aquifer near Pensacola, Florida *Ground Water*, May-June 92, v30, n3, p403

Confining Unit Effects on Water Quality in the New Jersey Coastal Plain Ground Water, May-June 92, v30, n3, p415

Field Determination of Geological/ Chemical Properties of an Aquifer by Cone Penetrometry and Headspace Analysis Ground Water, May-June 92, v30, n3, p428

Transformation of the Herbicides MCPP and Atrazine Under Natural Aquifer Conditions Ground Water, July-Aug 92, v30, n4, p500

Effects of Urban Storm-Runoff Control on Ground-Water Recharge in Nassau County, New York *Ground Water*, July-Aug 92, v30, n4, p507

Results of Two Pumping Tests in Wisconsin Age Weathered Till in Iowa Ground Water, July-Aug 92, v30, n4, p529

Chlorine-36 Releases from the Savannah River Site Nuclear Fuel Reprocessing Facilities *Ground Water*, July-Aug 92, v30, n4, p539

Saturated Mound Development on Sloping Clay Layers Due to a Finite Source: An Analytical Solution *Ground Water*, July-Aug 92, v30, n4, p559

Straight-Line Intercept Method in Aquifer Volume Calculations *Ground Water*, July-Aug 92, v30, n4, p569

Aquifer Analysis and Modeling in a Fractured, Heterogeneous Medium *Ground Water*, July-Aug 92, v30, n4, p589

Characterization of a Desert Aquitard-Hydrologic and Hydrochemical Considerations *Ground Water*, July-Aug 92, v30, n4, p598

Modeling Regional Ground-Water Flow in Fulton County, Indiana: Using the Analytic Element Method Ground Water, Sep-Oct 92, v30, n5, p660

Tracer Test Evaluation of a Drainage Ditch Capture Zone *Ground Water*, Sep-Oct 92, v30, n5, p667

The Use and Performance of Collector Wells Within the Regolith Aquifer of Sri Lanka *Ground Water*, Sep-Oct 92, v30, n5, p683

Storage Coefficients and Vertical Hydraulic Conductivities in Aquitards Using Extensometer and Hydrograph Data

Ground Water, Sep-Oct 92, v30, n5, p701

Effects of Waste-Water Irrigation on Aqueous Geochemistry Near Paris, Texas Ground Water, Sep-Oct 92, v30, n5, p709

Effects of Nutrient Management on Nitrate Levels in Ground Water Near Ephrata, Pennsylvania *Ground Water*, Sep-Oct 92, v30, n5, p720

Pathline and Geochemical Evolution of Ground Water in a Regional Discharge Area, Red River Valley, North Dakota Ground Water, Sep-Oct 92, v30, n5, p743

Influence of Environmentl Factors on Denitrification in Sediment Contaminated with JP-4 Jet Fuel *Ground Water*, Nov-Dec 92, v30, n6, p843

Patterns and Rates of Ground-Water Flow on Long Island, New York *Ground Water*, Nov-Dec 92, v30, n6, p857

Common Sense in Ground-Water Protection and Management in the

United States Ground Water, Nov-Dec 92, v30, n6, p867

Delivery of Chloride and Nitrate by Ground Water to the Great Lakes: Case Study for the Door Peninsula, Wisconsin Ground Water, Nov-Dec 92, v30, n6, p885

Hydrogeologic Factors Affecting New Sinkhole Development in the Orlando Area, Florida *Ground Water*, Nov-Dec 92, v30, n6, p918

A Forced Gradient Tracer Experiment in a Coastal Sandy Aquifer, Georgetown Site, South Carolina Ground Water, Nov-Dec 92, v30, n6, p958

Ground Water Monitoring Review

Procedures for Sampling Deep Subsurface Microbial Communities in Unconsolidated Sediments Ground Water Monitoring Review, Winter 92, v12, n1, p96

Comparison of Downhole and Surface Sampling for the Determination of Volatile Organic Compounds (VOCs) in Ground Water Ground Water Monitoring Review, Winter 92, v12, n1, p126

A Multilevel Ground Water Monitoring System for Casing Advance and Bedrock Drilling Methods *Ground Water Monitoring Review*, Spring 92, v12, n2, p105

Identifying Potential Pollutant Point Sources in an Area of High Ground Water Consumption Ground Water Monitoring Review, Spring 92, v12, n2, p116

Hydrogeological Investigation of Hydrocarbon Contamination of Ground Water in Albolote (Granada, Spain)

Ground Water Monitoring Review, Summer 92, v12, n3, p188

FOCUS; Frequency Domain Electromagnetic Induction Sounding Surveys for Landfill Site Characterization Studies Ground Water Monitoring Review, Fall 92, v12, n4, p103

FOCUS: Conceptual Model of Ground Water Flow in Fractured Siltstone Based on analysis of Rock Cores, Borehole Geophysics, and Thin Sections Ground Water Monitoring Review, Fall 92, v12, n4, p118

Survey of Rural Wells in Missouri for Pesticides and Nitrate Ground Water Monitoring Review, Fall 92, v12, n4, p142

Hazardous Waste and Hazardous Materials

Surfactant Screening of Diesel-Contaminated Soil Hazardous Waste and Hazardous Materials, Spring 92, v9, n2, p113

Effect of Chemical Form of Mercury on the Performance of Dosed Soils in Standard Leaching Protocols: EP and TCLP

Hazardous Waste and Hazardous Materials, Summer 92, v9, n3, p275

Hazardous Waste Generation and Disposal by the Industrial-Commercial-Institutional (ICI) Sector in a Resource-Based Community Hazardous Waste and Hazardous Materials, Summer 92, v9, n3, p297

Journal of Applied Ecology

Effects of Shoot Mortality on the Early Development of Afzelia quanzensis Seedlings Journal of Applied Ecology, 92, v29, n1, p14

The Effect of Winter Grazing by Barnacle Geese on Grassland Yields on Islay Journal of Applied Ecology, 92, v29, n1, p35

Effects of Artificial Liming on Land Snail Populations Journal of Applied Ecology, 92, v29, n1, p50

Interpreting Bird Atlas Data Using Logistic Models: An Example from Lesotho, Southern Africa Journal of Applied Ecology, 92, v29, n1, p55 Historical Changes in Mercury Concentrations in the Marine Ecosystem of the North and North-East Atlantic Ocean as Indicated by Seabird Feathers Journal of Applied Ecology, 92, v29, n1, p79

Successional Interactions Between Bracken and Broom on the Port Hills, Canterbury, New Zealand Journal of Applied Ecology, 92, v29, n1, p85

Spread of Introduced Lehmann Lovegrass Along a Grazing Intensity Gradient Journal of Applied Ecology, 92, v29, n1, p92

Epizootiology of the Seal Disease in the Eastern North Sea *Journal of Applied Ecology*, 92, v29, n1, p99

Sources of Variation in Post-Chernobyl Radiocaesium in Fish From Two Cumbrian Lakes (North-West England) Journal of Applied Ecology, 92, v29, n1, p108

The Effects of Afforestation on Upland Plant Communities: An Application of the British National Vegetation Classification Journal of Applied Ecology, 92, v29, n1, p180

Control of Bracken and the Restoration of Heathland. I. Control of Bracken *Journal of Applied Ecology*, 92, v29, n1, p195

Control of Bracken and the Restoration of Heathland. II. Regeneration of the Heathland Community *Journal of Applied Ecology*, 92, v29, n1, p204

Control of Bracken and the Restoration of Heathland. III. Bracken Litter Disturbance and Heathland Restoration

Journal of Applied Ecology, 92, v29, n1, p212

Control of Bracken and the Restoration of Heathland. IV. Effects of Bracken Control and Heathland Restoration Treatments on Nutrient Distribution and Soil Chemistry *Journal of Applied Ecology*, 92, v29, n1, p218

The Influence of Grazing on Seed Production and Seed Banks of Some African Savanna Grasslands Journal of Applied Ecology, 92, v29, n1, p247

Effects of Pesticides on the Germination of Weed Seeds: Implications for Manipulative Experiments *Journal of Applied Ecology*, 92, v29, n2, p303

Non-Breeders as a Buffer Against Environmental Stress: Declines in Numbers of Great Skuas on Foula, Shetland, and Prediction of Future Recruitment Journal of Applied Ecology, 92, v29,

n2, p341

Habitat Use by Parapatric Rabbits in a Mexican High-Altitude Grassland System

Journal of Applied Ecology, 92, v29, n2, p357

A Model of Incentives for the Illegal Exploitation of Black Rhinos and Elephants: Poaching Pays in Luangwa Valley, Zambia Journal of Applied Ecology, 92, v29, n2, p388

The Ecological Changes of Breckland Grass Heaths and the Consequences of Management Journal of Applied Ecology, 92, v29, n2, p402

A 3-Year Study of Water Relations of Urban Street Trees Journal of Applied Ecology, 92, v29, n2, p436

Recovery of a Sparrowhawk Population in Relation to Declining Pesticide Contamination *Journal of Applied Ecology*, 92, v29, n2, p476

Effects of Liming on Oxalis acetosella and Lycopodium lucidulum in a Northern Hardwood Forest Journal of Applied Ecology, 92, v29, n2, p492

Age-Specific Survival, Mortality and Reproduction and Prospects for

Conservation of Limonium delicatulum Journal of Applied Ecology, 92, v29, n3, p549

Influence of Livestock Grazing on Range Condition in South-West Masailand, Northern Tanzania Journal of Applied Ecology, 92, v29, n3, p581

Interactions Between White-Breasted Cormorants *Phalacrocorax carbo* (Aves: Phalacrocoracidae) and the Fisheries of Lake Malawi *Journal of Applied Ecology*, 92, v29, n3, p619

The Use of Fractals to Assess the Ecological Impact of Increased Cattle Population: Case Study from the Runde Communal Land, Zimbabwe *Journal of Applied Ecology*, 92, v29, n3, p635

Life-History Studies of the Coffee Berry Borer (*Hypothenemus hampei*, Scolytidae) on Coffee Trees in Southern Mexico *Journal of Applied Ecology*, 92, v29, n3, p656

Optimal Attack Density in the Larch Bark Beetle, *Ips cembrae* (Coleoptera: Scolytidae) *Journal of Applied Ecology*, 92, v29, n3, p672

Population Biology of the Freshwater Snail *Biomphalaria pfeifferi* in the Zimbabwe Highveld *Journal of Applied Ecology*, 92, v29, n3, p687

Effects of Elephants and Goats on the Kaffrarian Succulent Thicket of the Eastern Cape. South Africa *Journal of Applied Ecology*, 92, v29, n3, p699

A Preliminary Study of Successional Changes in Vegetation and Soil Development on Unamended Fly Ash (PFA) in Southern England Journal of Applied Ecology, 92, v29, n3, p728

Conservation Efficiency of Five Common Riparian Weeds in Movement of Soil, Water and Phosphorus *Journal of Applied Ecology*, 92, v29, n3, p737 The Effect of Environmental Factors on Survival of Grey Partridge (*Perdix perdix*) Chicks in Poland During 1987-89

Journal of Applied Ecology, 92, v29, n3, p745

Seed Bank Dynamics in a Mediterranean Grassland *Journal of Applied Ecology*, 92, v29, n3, p763

Journal of Environmental Engineering

Optimal Locations of Monitoring Stations in Water Distribution System Journal of Environmental Engineering, Jan-Feb 92, v118, n1, p4

Integrated Assessment of Acid-Deposition Effects on Lake Acidification

Journal of Environmental Engineering, Jan-Feb 92, v118, n1, p120

Migration of Chloroform in Aquifers Journal of Environmental Engineering, Mar/Apr 92, v118, n2, p167

Pilot Waste-Stabilization Pond in Tanzania

Journal of Environmental Engineering, Mar/Apr 92, v118, n2, p286

Design Procedures for Effluent Discharge to Estuaries During Ebb Tide

Journal of Environmental Engineering, May-June 92, v118, n3, p338

Gas Phase Control for Oxygen-Activated Sludge Journal of Environmental Engineering, May-June 92, v118, n3, p390

Conditioning and Dewatering of Anaerobically Designed BPR Sludge Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p642

Predicting Effluent PCBs from Superfund Site Dredged Material Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p657

Simulating Solute Transport Using Laboratory-Based Sorption Parameters

Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p666

Investigation of Zebra Mussel Adhesion Strength Using Rotating Disks

Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p708

Partitioning of Elements by Refuse Processing

Journal of Environmental Engineering, Sep-Oct 92, v118, n5, p725

Journal of Environmental Health

Environmental Health Survey Journal of Environmental Health, Jan/Feb 92, v54, n4, p36

Development of Effective On-Site Sewage Disposal Surveys in King County, Washington Journal of Environmental Health, Mar/Apr 92, v54, n5, p20

A Protracted Outbreak of Foodborne Viral Gastroenteritis Caused by Norwalk or Norwalk-like Agent Journal of Environmental Health, Mar/Apr 92, v54, n5, p50

Wroclaw, Poland: Efforts Toward a Sustainable Future Journal of Environmental Health, May/Jun 92, v54, n6, p8

Gender Bias in the Environmental Health Profession Journal of Environmental Health, May/Jun 92, v54, n6, p15

Abandoned Well Survey of Dennmark Township, Washington County, Minnesota Journal of Environmental Health, May/June 92, v54, n6, p18

Rural American Indian Injury Patterns

Journal of Environmental Health, May/June 92, v54, n6, p22

Blood Lead Levels in Traffic Constables

Journal of Environmental Health, July/Aug 92, v55, n1, p20

Nutrient and Microbial Movement from Seasonally-Used Septic Systems

Journal of Environmental Health, Sep/Oct 92, v55, n2, p5 Consumer Behavior at Salad Bars in Costa Rica and Food Safety Concerns

Journal of Environmental Health, Sep/Oct 92, v55, n2, p12

Developing a Public Health Assessment: Impact of a Mercury-Contaminated Discharge to Surface Water *Journal of Environmental Health*, Sep/Oct 92, v55, n2, p16

Foodborne Disease: Investigative Procedures and Economic Assessment

Journal of Environmental Health, Sep/Oct 92, v55, n2, p24

Informal Conferences Offer Non-Adversarial Approach to the Resolution of Non-Critical Retail Food Code Violations

Journal of Environmental Health, Sep/Oct 92, v55, n2, p36

Illegal Methamphetamine Drug Laboratories: A New Challenge for Environmental Health Professionals Journal of Environmental Health, Nov/Dec 92, v55, n3, p6

Residential Radon Exposure and Lung Cancer: Evidence of an Inverse Association in Washington State Journal of Environmental Health, Nov/Dec 92, v55, n3, p23

Special Series: The Future of Environmental Health Part One: Environmental Health in the 21st Century *Journal of Environmental Health*, Nov/Dec 92, v55, n3, p36

Journal of Environmental Management

Environmental Auditing: Artificial Waterway Developments in Western Australia

Journal of Environmental Manage-

Journal of Environmental Management, Jan 92, v34, n1, p1

Non-Point Source Water Pollution Management: Improving Decision-Making Information Through Water Quality Monitoring Journal of Environmental Management, Jan 92, v34, n1, p15 Evaluating Performance of Regional Wildlife Habitat Models: Implications to Resource Planning *Journal of Environmental Management*, Jan 92, v34, n1, p31

Nitrogen Conservation Efficiency of Five Common Riparian Weeds in a Runoff Experiment on Slopes *Journal of Environmental Management*, Jan 92, v34, n1, p47

Valuing Goods' Characteristics: An Application of the Hedonic Price Method to Environmental Attributes *Journal of Environmental Management*, Jan 92, v34, n1, p59

Environmental Impact Analysis of a Coalfield *Journal of Environmental Management*, Feb 92, v34, n2, p79

A Survey on Attitudes of Landholders to Native Forest on Farmland *Journal of Environmental Management*, Feb 92, v34, n2, p117

Farm Woodland Policy: An Assessment of the Response to the Farm Woodland Scheme in Northern Ireland

Journal of Environmental Management, Mar 92, v34, n3, p197

Prescribed Burning in Unevenaged Stand Management of Ponderosa Pine/Douglas Fir Forests Journal of Environmental Management, Mar 92, v34, n3, p221

An Assessment of Preference for Landscapes in the Developing World: Case Study of Warri, Nigeria, and Environs

Journal of Environmental Management, Apr 92, v34, n4, p237

Manatees and Tourism in Southern Florida: Opportunity or Threat? *Journal of Environmental Management*, Apr 92, v34, n4, p257

An Experimental Validation for SAGE's Value Assessment Procedures

Journal of Environmental Management, Apr 92, v34, n4, p267

Creation and Management of Artificial Nesting Sites for Wetland Birds

Journal of Environmental Management, Apr 92, v34, n4, p285

The Use of Multivariate Analysis for the Ecological Characterization of Landscape: the Mula River Watershed, South-East Spain Journal of Environmental Management, Apr 92, v34, n4, p297

Prediction of Potential Submerged Vegetation in a Silted Coastal Marsh, Albufera of Majorca, Balearic Islands Journal of Environmental Management, May 92, v35, n1, p1

Commercial Exploitation of Natural Vegetation: An Exploratory Model for Management of the Wildflower Industry in the Fynbos Biome of the Cape, South Africa *Journal of Environmental Management*, May 92, v35, n1, p13

Notes on Cumulative Environmental Change II: A Contribution to Methodology

Journal of Environmental Management, May 92, v35, n1, p51

A Standard Format for Use in the Analysis of Environmental Policy *Journal of Environmental Management*, May 92, v35, n1, p69

Environmental Effects of Land Use Change, As Identified by Habitat Recording: A Case Study in the Llyn Peninsula, Wales Journal of Environmental Management, June 92, v35, n2, p131

Habitat Evaluation Procedures (HEP) Applied to Mitigation Banking in North Carolina Journal of Environmental Manage-

ment, June 92, v35, n2, p153

Environmental Impact Assessment in Nigeria: Current Situation and Directions for the Future *Journal of Environmental Management*, July 92, v35, n3, p163

The Influence of Agriculture on the West Coast Remosterveld, South-Western Cape, South Africa *Journal of Environmental Management*, July 92, v35, n3, p173

Identification of Crop Soils by Small Farmers of South-Western Nigeria

Journal of Environmental Management, July 92, v35, n3, p193

Evaluating Alternative Environmental Control Measures: The Case of Industrial Sulfur Dioxide in Hong Kong

Journal of Environmental Management, July 92, v35, n3, p229

Recovery of Chionochloa rigida Tussocks from Fires in South Island, New Zealand Journal of Environmental Management, Aug 92, v35, n4, p249

The American Alligator and Concern for Visitors at Brazos Bend State Park

Journal of Environmental Management, Aug 92, v35, n4, p261

An Investigation of the Potential for Landscape Ecology to Act as a Basis for Rural Land Use Plans Journal of Environmental Management, Aug 92, v35, n4, p281

Classification and Prediction of Grassland Habitats Using Ground Beetles (Coleoptera, Carabidae) Journal of Environmental Management, Aug 92, v35, n4, p301

The Economic Cost of Residual Environmental Risk: A Case Study of Louisiana Journal of Environmental Management, Sep 92, v36, n1, p1

Land Use Issues on Wild Plant Conservation in Nigeria Journal of Environmental Management, Sep 92, v36, n1, p17

An Evaluation of Saving and Investment Behaviour of Co-operative Fishermen in the Riverine Area of Nigeria *Journal of Environmental Management*, Sep 92, v36, n1, p27

The Use of Wetlands for Nutrient Removal from Surface Runoff in a Cold Climate Region of California -Results from a Newly Constructed Weland at Lake Tahoe

Journal of Environmental Management, Sep 92, v36, n1, p35

Using an Agency-Outfitter Partnership to Provide Information Services: an Evaluation on the Lower Salmon River in Idaho

Journal of Environmental Management, Sep 92, v36, n1, p55

Influence of Microsites on Redevelopment of Vegetation on Coalmine Spoils in a Dry Tropical Environment Journal of Environmental Management, Oct 92, v36, n2, p95

Dynamics of Land Use in Great Britain Journal of Environmental Management, Oct 92, v36, n2, p117

Saving the Aral Sea Journal of Environmental Management, Nov 92, v36, n3, p193

Strategic, Long-Range Planning for Environmental and Natural Resources Management: Results from Applied Experience in Central America and the Caribbean Journal of Environmental Management, Nov 92, v36, n3, p215

Perception of Water Clarity and Colour in Terms of Suitability for Recreational Use Journal of Environmental Management, Nov 92, v36, n3, p225

Environmental Impacts of Station Development in the Larsemann Hills, Princess Elizabeth Land, Antarctica Journal of Environmental Management, Dec 92, v36, n4, p287

The Management Implications of Fine Fuel Dynamics in Bushlands Surrounding Hobart, Tasmania Journal of Environmental Management, Dec 92, v36, n4, p301

Journal of Environmental Quality

Soil Chemistry and Nutrition of North American Spruce-Fir Stands: Evidence for Recent Change Journal of Environmental Quality, Jan-Mar 92, v21, n1, p12

The Transport of Bioavailable Phosphorus in Agricultural Runoff Journal of Environmental Quality, Jan-Mar 92, v21, n1, p30 Vegetative Filter Treatment of Dairy Barnyard Runoff in Cold Regions Journal of Environmental Quality, Jan-Mar 92, v21, n1, p40

Lead, Cadmium, and Zinc Contamination of Aspen Garden Soils and Vegetation

Journal of Environmental Quality, Jan-Mar 92, v21, n1, p82

Ion Enrichment of Snowmelt Water by Processes within a Podzolic Soil Journal of Environmental Quality, Jan-Mar 92, v21, n1, p102

Selective-Placement Burial of Drilling Fluids: II. Effects on Buffalo-grass and Fourwing Saltbush Journal of Environmental Quality, Jan-Mar 92, v21, n1, p140

Nitrate-Nitrogen and Phosphate-Phosphorus in Seven Kentucky Streams Draining Small Agricultural Watersheds: Eighteen Years Later Journal of Environmental Quality, Jan-Mar 92, v21, n1, p147

Distribution and Partitioning of Trace Metals in Contaminated Soils Near Leadville, Colorado Journal of Environmental Quality, Apr-June 92, v21, n2, p185

Red Spruce Response to Ozone and Cloudwater after Three Years Exposure Journal of Environmental Quality, Apr-June 92, v21, n2, p196

Photosynthesis and Growth Response of Almond to Increased Atmospheric Ozone Partial Pressures Journal of Environmental Quality, Apr-June 92, v21, n2, p208

Utility and Railway Right-of-Way Contaminants in British Columbia: Chlorophenols Journal of Environmental Quality, Apr-June 92, v21, n2, p225

Selenium in Kesterson Reservoir Ephemeral Pools Formed by Groundwater Rise: I. A Field Study Journal of Environmental Quality, Apr-June 92, v21, n2, p246

Selenium in Kesterson Reservoir Ephemeral Pools Formed by Groundwater Rise: II. Laboratory Experiments

Journal of Environmental Quality,
Apr-June 92, v21, n2, p252

Sampling Unsaturated-Zone Water for Trichloroethene at Picatinny Arsenal, New Jersey Journal of Environmental Quality, Apr-June 92, v21, n2, p264

Cadmium Availability and Extractability from Sewage Sludge as Affected by Waste Phosphatic Clay *Journal of Environmental Quality*, Apr-June 92, v21, n2, p272

Aluminum in Soil Solutions from a Subalpine Spruce-Fir Forest at Whiteface Mountain, New York Journal of Environmental Quality, July-Sep 92, v21, n3, p345

Selenium and Sulfur Relationships in Alfalfa and Soil Under Field Conditions, San Joaquin Valley, California Journal of Environmental Quality, July-Sep 92, v21, n3, p353

Dependence of Aldicarb Residue Degradation Rates on Groundwater Chemistry in the Wisconsin Central Sands

Journal of Environmental Quality, July-Sep 92, v21, n3, p368

Mineralization of Sediment Organic Matter Under Anoxic Conditions Journal of Environmental Quality, July-Sep 92, v21, n3, p394

Groundwater Nitrate and Denitrification in a Coastal Plain Riparian Forest

Journal of Environmental Quality, July-Sep 92, v21, n3, p401

California, Kesterson Reservoir Bare Soil Evaporation and Solute Movement in Selenium-Contaminated Soils of Kesterson Reservoir Journal of Environmental Quality, July-Sep 92, v21, n3, p447

Bromide Movement at Selected Sites in a Dissected Piedmont Landscape Journal of Environmental Quality, July-Sep 92, v21, n3, p469

Pesticides in Iowa Precipitation Journal of Environmental Quality, July-Sep 92, v21, n3, p486 Metal to Aluminum Correlation in Louisiana Coastal Wetlands: Identification of Elevated Metal Concentrations

Journal of Environmental Quality, Oct-Dec 92, v21, n4, p539

Herbicide Adsorption and Organic Carbon Contents on Adjacent Low-Input Versus Conventional Farms Journal of Environmental Quality, Oct-Dec 92, v21, n4, p546

Water Quality Impacts Associated with Pre- and Postemergence Applications of Atrazine in Maize *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p567

Coupling Groundwater Contamination with Economic Returns When Applying Farm Pesticides *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p579

Water Quality Characteristics Associated with Southern Plains Grasslands Journal of Environmental Quality, Oct-Dec 92, v21, n4, p595

Nitrate Levels in Shallow Groundwater Under Pastures Receiving Ammonium Nitrate or Slow-Release Nitrogen Fertilizer *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p607

Ion Leaching in Forest Ecosystems Along a Great Lakes Air Pollution Gradient Journal of Environmental Quality, Oct-Dec 92, v21, n4, p614

Evaluation of Phosphate Materials for Control of Acid Production in Pyritic Mine Overburden Journal of Environmental Quality, Oct-Dec 92, v21, n4, p627

Physical and Chemical Properties of Coal Refuse from Southwest Virginia Journal of Environmental Quality, Oct-Dec 92, v21, n4, p635

Retention of Dissolved Organic Carbon and Sulfate in Aggregated Acid Forest Soils Journal of Environmental Quality, Oct-Dec 92, v21, n4, p643 Degradation and Transport of Dicamba in a Clay Soil Journal of Environmental Quality, Oct-Dec 92, v21, n4, p653

Nitrate Dynamics in Riparian Forests: Groundwater Studies Journal of Environmental Quality, Oct-Dec 92, v21, n4, p659

Effect of Seeding on Thermophilic Composting of Tofu Refuse *Journal of Environmental Quality*, Oct-Dec 92, v21, n4, p715

Journal of Environmental Science and Health— Environmental Science and Engineering

Cluster Analysis of Elemental Concentrations of Cored Nigerian River Sediments

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p1

Removal of Heavy Metals at a Canadian Wastewater Treatment Plant

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p13

Delaware's Inland Bays Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p63

Radioactivity Concentration in Soil in Jeddah Area, Saudi Arabia Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n1, p105

Foliar Application of Phosphorus and Residual Effect of Gypsum on Peanuts

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n2, p317

Determination of Phosphorus Concentration Threshold for Algal Growth in Eutrophic Chaohu Lake, China

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n2, p433

Determination of Hexavalent Chromium in Some Contaminated Soils

from Hudson County, New Jersey Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p577

Study of Heavy Metal Pollution in the Waters of Axios and Aliakmon Rivers in Northern Greece Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p587

Biodegradation of 2, 4- and 2,6-Dinitrotoluene by Freshwater Microorganisms Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p663

Deterministic Signals in Oklahoma and Texas Precipitation Records Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p803

Deterministic Signals in Southeast United States Precipitation Data Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p827

Determining Target Cleanup Levels: A Risk Assessment-Based Decision Process for Contaminated Sites Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n3, p843

Nonpoint Source Phosphorus Loads to Delaware's Lakes and Streams Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1007

Water Hygiene of Swimming Pools in Mosul City, Iraq Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27. n4, p1021

Potential Contamination of Groundwater From Cu, Pb, and Zn in Wet Detention Ponds Receiving Highway Runoff

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1033 Radiation Dose Assessment from Ingestion Pathway in Saudi Arabia Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1045

Concentration of HCB in *Callinectes* sapidus from the Calcasieu Estuary, Louisiana

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1095

Effects of Coal Fly Ash-Amended Composts on the Yield and Elemental Uptake by Plants

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n4, p1127

Effects of Airborne Dust Collected from Kuwait on Human Erythrocytes Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n5, p1229

Contamination of the Agricultural Land Due to Industrial Activities Southern of Greater Cairo Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n5, p1293

Lagrangian Transport of Suspended Pollutants in Johor Strait by a Finite Element Eulerian Model Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1371

Inter-City Comparison of Metals in Scalp Hair Collected After the Gulf War 1991

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1415

Lead Concentrations in Plants and Animal Tissues Journal of Environmental Science

and Health—Environmental Science and Engineering, 92, vA27, n6, p1453 Distribution and Survival of Nonionic Surfactants in the Surface, Sea and Groundwater of Israel Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1521

Alpha Scintillation Cell for Direct Measurement of Indoor Radon Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1535

Lead Levels in Some Eye Cosmetics Used in Bahrain Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n6, p1541

Pretreatments of Agroellulosic Waste for Microbial Biomass Production with a Defined Mixed Culture Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1643

Land Application of Lime Stabilized Septage

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1701

Natural Zeolites and Their Ion Exchange Behavior Towards Chromium

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1759

Evaluation of Groundwater Flow Regime at a Landfill with Liner System

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1793

Drawdown Distribution Around a Large Diameter Well with Nonlinear Groundwater Flow

Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1817 Identification and Control of Contact Dermatitis from Polyfunctional Acrylic Monomers in Five Swedish Furniture Companies Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1925

Heavy Metals in Marine Species from the Tarragona Coast, Spain Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n7, p1939

Heavy Metals in Soils Near a Steel-Making Industry: A Case Study in a Complex Valley Situation in Italy Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2019

Microbiology of Rainwater Cistern Systems: A Review Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2123

Dissipation of Toxic Potential of Airborne Dust in Kuwait Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2167

Recovery of Enteroviruses from Water and Sediments of Lake Maracaibo, Venezuela Journal of Environmental Science and Health—Environmental Science and Engineering, 92, vA27, n8, p2213

Journal of Environmental Science and Health—Pesticides, Food Contaminants and Agricultural Wastes

An Insect Bioassay Method to Determine Persistence of *Bacillus* thuringiensis Var. Kurstaki (B.T.K.) Protein in Oak Foliage, Following Application of a Commercial Formulation Under Field and Laboratory Conditions

Journal of Environmental Science and Health—Pesticides, Food Contaminants and Agricultural Wastes, 92, vB27, n1, p73 Adsorption of Carbofuran, Metalaxyl, and Simazine: Koc Evaluation and Relation to Soil Transport Journal of Environmental Science and Health—Pesticides, Food Contaminants, and Agricultural Wastes, 92, vB27, n5, p565

Spatial Distribution of Hexazinone and Metabolites in a Luvisolic Soil Journal of Environmental Science and Health—Pesticides, Food Contaminants, and Agricultural Wastes, 92, vB27, n6, p639

Journal of Experimental Marine Biology and Ecology

Comparisons of Skeletal Density Variations in *Porites* from the Central Great Barrier Reef *Journal of Experimental Marine Biology and Ecology*, 92, v155, n1, p1

Evidence for Facilitation and Inhibition of Ciliate Population Growth by Meiofauna and Macrofauna on a Temperate Zone Sandflat *Journal of Experimental Marine Biology and Ecology*, 92, v155, n1, p27

Canopy Removal Experiments in *Cystoseira*-Dominated Rockpools from the Western Coast of the Mediterranean (Ligurian Sea) *Journal of Experimental Marine Biology and Ecology*, 92, v155, n1, p69

Larval Settlement Patterns and Preferences by Domino Damselfish Dascyllys albisella Gill Journal of Experimental Marine Biology and Ecology, 92, v155, n1, p85

Lipid Composition of Cysts of the Brine Shrimp Artemia sp. from Spanish Populations Journal of Experimental Marine Biology and Ecology, 92, v155, n1, p123

Relationships between Allozymic Heterozgosity, Body Size, and Survival to Natural Anoxic Stress in the Palourde *Ruditapes decussatus* L. (Bivalvia: Veneridae) Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p169

Physiological Plasticity to Temperature in Calanus finmarchicus. Reality or Artefact?

Journal of Experimental Marine

Biology and Ecology, 92, v155, n2, p183

Influence of Seasonal Environmental Changes on the Gamete Production and Biochemical Composition of Crassostrea gigas (Thunberg) in Suspended Culture in El Grove, Galacia, Spain Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p249

Experimental Evidence for the Effects of Polyphenolic Compounds from *Dictyoneurum californicum* Ruprecht (Phaeophyta: Laminariales) on Feeding Rate and Growth in the Red Abalone *Haliotus rufescens* Swainson

Journal of Experimental Marine Biology and Ecology, 92, v155, n2, p263

Recruitment of Cerithiid Gastropods (*Rhinoclavis* spp.) in Sediments at One Tree Reef, Great Barrier Reef *Journal of Experimental Marine Biology and Ecology*, 92, v156, n1, p1

Attraction of Postlarval Penaeus aztecus Ives and P. setiferus (l.) (Crustacea: Decapods: Penaeidae) to Estuarine Water in a Laminar-Flow Choice Chamber Journal of Experimental Marine Biology and Ecology, 92, v156, n1, p39

Field Measurement of Feeding and Movement Rates of the Crown-of-Thorns Starfish Acanthaster planci (L.) Journal of Experimental Marine Biology and Ecology, 92, v156, n1,

p89

Behavioral Avoidance of Predation in an Interidal Hermit Crab Journal of Experimental Marine Biology and Ecology, 92, v157, n2. p143 Efficiency of Carbon Assimilation and Photoacclimation in a Small Unicellular *Chaetoceros* Species from the Weddell Sea (Antarctica) Influence of Temperature and Irradiance *Journal of Experimental Marine Biology and Ecology*, 92, v157, n2, p195

Pedal Function in Nassariid Gastropods: Crawling and Burrowing in Cylope neritea Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p211

Patterns of Colonization of Mobile Epifauna in a Western Australian Seagrass Bed Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p225

Comparative Effects of Infaunal Bivalves on an Epibenthic Microalgal Community Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p247

Experimental Assessment of Gull Predation on the Jonah Crab Cancer borealis (Stimpson) in New England Rocky Intertidal and Shallow Subtidal Zones Journal of Experimental Marine Biology and Ecology, 92, v157, n2, p275

The Diet of Antarctic Squid: Comparison of Conventional and Seriological Gut Contents Analyses *Journal of Experimental Marine Biology and Ecology*, 92, v156, n2, p161

Interactive Effects of Salinity and Adult Extract Upon Settlement of the Estuarine Barnacle Balanus improvisus Journal of Experimental Marine Biology and Ecology, 92, v156, n2, p239

Predation on Early Juvenile Spiny Lobsters *Panulirus argus* (Latreille): Influence of Size and Shelter *Journal of Experimental Marine Biology and Ecology*, 92, v157, n1, p3 Zooplankton Feeding Ecology: Grazing During Enclosure Studies of Phytoplanton Blooms from the West Coast of Sweden Journal of Experimental Marine Biology and Ecology, 92, v157, n1, p19

Feeding and Assimilation to Mangrove Leaves by the Crab Sesarma meinerti de Man in Relation to Leaf-Litter Production in Mgazana, a Warm-Temperate Southern African Mangrove Swamp Journal of Experimental Marine Biology and Ecology, 92, v157, n1, p41

Pigment Analysis of Phytoplankton During a Subarctic Spring Bloom: Xanthophyll Cycling Journal of Experimental Marine Biology and Ecology, 92, v158, n1, p59

Genetic Diversity and Population Differentiation of the Shortfin Squid Illex argentinus in the South-West Atlantic Journal of Experimental Marine

Journal of Experimental Marine Biology and Ecology, 92, v158, n1, p105

Vertical Distribution and Diel Vertical Migration of *Calanoides carinatus* (Kroyer, 1849) Developmental Stages in the Southern Benguela Upwelling Region *Journal of Experimental Marine Biology and Ecology*, 92, v158, n1, p123

The Behavioural Ecology of Epibenthic Scavenging Invertebrates in the Clyde Sea Area: Laboratory Experiments on Attractions to Bait in Moving Water, Underwater TV Observations *In Situ* and General Conclusions

Journal of Experimental Marine Biology and Ecology, 92, v159, n1, p15

Bioluminescence of Heterotrophic Dinoflagellates from Texas Coastal Waters

Journal of Experimental Marine Biology and Ecology, 92, v159, n1, p37

Systematic Variations in the Depth of Skeleton Occupied by Coral Tissue in

Massive Colonies of *Porites* from the Great Barrier Reef *Journal of Experimental Marine Biology and Ecology*, 92, v159, n1, p113

Interannual Growth Differences in the Oceanic Squid *Todarodes angolensis* Adam in the Northern Benguela Upwelling System, Based on Statolith Growth Increment Analysis *Journal of Experimental Marine Biology and Ecology*, 92, v159, n2, p157

Settlement and Recruitment of Mya arenaria L. in the Wadden Sea Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p203

Interactions Between Herbivorous Fishes and Macro-Algae on a Temperate Rocky Reef Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p217

Physiological Response of the Stipitate Understory Kelp, Pterygophora californica Ruprecht, to Shading by the Giant Kelp, Macrocystis pyrifera Journal of Experimental Marine Biology and Ecology, 92, v159, n2, p237

The Influence of Seagrass Structure on the Distribution and Abundance of Mobile Epifauna: Pattern and Process in a Western Australian *Amphibolis* Bed

Journal of Experimental Marine Biology and Ecology, 92, v160, n1, p13

The Foraging Ecology of the Gulf of Mexico Stone Crab Menippe adina (Williams et Felder) Journal of Experimental Marine Biology and Ecology, 92, v160, n1, p67

Population Processes in the Ribbed Mussel *Geukensia demissa* (Dillwyn) in a North Carolina Salt Marsh Tidal Gradient: Spatial Pattern, Predation, Growth and Mortality *Journal of Experimental Marine Biology and Ecology*, 92, v160, n1, p81 Epibenthic Gastropods of the Middle Florida Keys: the Role of Habitat and Environmental Stress on Assemblage Composition Journal of Experimental Marine

Journal of Experimental Marine Biology and Ecology, 92, v160, n2, p169

Alternation Between Attachment Mechanisms by Limpets in the Field Journal of Experimental Marine Biology and Ecology, 92, v160, n2, p205

Intraspecific Variation in Isozyme Patterns of Phenotypically Separated Populations of Zostera marina L. in the South-Western Netherlands, The Journal of Experimental Marine Biology and Ecology, 92, v161, n1, p1

Occurrence of Agglutinins in the Pallial Cavity Mucus of Oysters Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p1

The Effects of Geography and Hurricane Disturbance on a Tropical Predator-Prey Interaction Journal of Experimental Marine Biology and Ecology, 92, v162, n1. p15

Recruitment, Growth and Mortality of a Coral-Inhabiting Barnacle Megabalanus stultus (Darwin) upon the Hydrocoral Millepora complanata Lamarck Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p51

Interactions Between Mesograzers Inhabiting Fucus vesiculosus in Northern Spain Journal of Experimental Marine Biology and Ecology, 92, v162, n1, p97

Responses of Chasmagnathus granulata Dana (Decapoda: Grapsidae) to Salt-Marsh Environmental Variations

Journal of Experimental Marine

Biology and Ecology, 92, v161, n2, p179

Growth and Reproduction of the Epifaunal Amphipod Caprella okadai Arimoto (Crustacea: Amphipoda: Caprellidea)

Journal of Experimental Marine

Biology and Ecology, 92, v161, n2, p201

Pattern of Reproduction and Recruitment in Two Sicyoniid Shrimp Species (Decapoda: Penaeoidea) from a Tropical Seagrass Habitat Journal of Experimental Marine Biology and Ecology, 92, v161, n2, p223

Severe Mortality in a Breeding Population of Ornate Rock Lobster Panulirus ornatus (Fabricius) at Yule Island, Papua New Guinea Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p143

Diel Variation of Water-Extractable Carbohydrate Composition of Natural Phytoplankton Populations in Kinuura Bay

Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p159

The Influence of Temperature on Seasonal Variation of Caulerpa prolifera (Forsskal) Lamouroux Photosynthesis and Respiration Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p199

Metabolic Responses of Halicryptus spinulosus (Priapulida) to Reduced Oxygen Levels and Anoxia Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p229

Settlement and Metamorphosis Specificity of *Lithophaga simplex* Iredale (Bivalvia:Mytilidae) on Red Sea Corals *Journal of Experimental Marine Biology and Ecology*, 92, v162, n2, p243

Impact of a Controlled Freshwater Discharge on Zooplankton Distribution in a Norwegian Fjord Journal of Experimental Marine Biology and Ecology, 92, v162, n2, p279 Nitrogen Fixation (Acetylene Reduction) Associated with the Zoanthid *Palythoa tuberculosa* Esper *Journal of Experimental Marine Biology and Ecology*, 92, v163, n1, p31

The Bly Creek Ecosystem Study -Organic Carbon Transport within a Euhaline Salt Marsh basin, North Inlet, South Carolina Journal of Experimental Marine Biology and Ecology, 92, v163, n1, p125

In Situ Metabolism of an Oyster Reef Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p147

Population Dynamics of a Free-Living kCoral: Recruitment, Growth and Survivorship of *Manicina areolata* (Linnaeus) on the Caribbean Coast of Panama *Journal of Experimental Marine Biology and Ecology*, 92, v164, n2, p171

The Sensitivity of Several Ordination Methods to Sample Replication in Benthic Surveys Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p221

Temporal Variation in Soft-Sediment Benthos Journal of Experimental Marine

Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p233

Studies on Southern Australian Abalone (Genus *Haliotis*) XIII: Larval Dispersal and Recruitment Journal of Experimental Marine Biology and Ecology, 92, v164, n2, p247

Tidal Wake-Mixing: Localized Effects on Primary Production and Zooplankton Distributions in the Strait of Georgia, British Columbia *Journal of Experimental Marine Biology and Ecology*, 92, v164, n2, p261

Production Estimate of a Mussel Population *Perna picta* (Born) on the Atlantic Coast of Morocco *Journal of Experimental Marine* *Biology and Ecology*, 92, v163, n2, p183

Algal Food Supply and Grazer Demand in a Very Productive Coral-Reef Zone Journal of Experimental Marine Biology and Ecology, 92, v164, n1,

Effects of Mercury on the Biosynthesis of Porphyrins in Bivalve Molluscs (Cerastoderma edule (L.) and C. lamarcki (Reeve)

Journal of Experimental Marine

Biology and Ecology, 92, v164, n1, p17

Genetic Structure in a Population of the Ribbed Mussel Geukensia demissa (Dillwyn) in a North Carolina Salt Marsh Tidal Gradient Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p31

Comparative Sampling Methods for Subtidal Epibenthic Gastropods Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p87

Shelter Preferences in the Mediterranean Slipper Lobster: Effects of Physical Properties Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p103

Brooding in the Intertidal Barnacles Chthamalus stellatus (Poli) and Chthamalus montagui Southward in South-Western Ireland Journal of Experimental Marine Biology and Ecology, 92, v164, n1, p135

Journal of Irrigation and Drainage Engineering

Surface and Subsurface Drainage of Metropolitan City in Arid Zone Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p19

Estimating Peak Flows from Small Agricultural Watersheds Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p122 Rainfall Area Identification Using GOES Satellite Data

Journal of Irrigation and Drainage Engineering, Jan/Feb 92, v118, n1, p179

Optimization Model for Alternative Use of Different Quality Irrigation Waters

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p218

Hydrologic Model for Drained Forest Watershed

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p242

Field-Measured Hydraulic Resistance Characteristics in Vegetation-Infested Canals

Journal of Irrigation and Drainage Engineering, Mar/Apr 92, v118, n2, p256

Salinity of Rivers: Transfer Function-Noise Approach

Journal of Irrigation and Drainage Engineering, May/June 92, v118, n3, p343

Feedback Control of Basin-Irrigation System

Journal of Irrigation and Drainage Engineering, May/June 92, v118, n3, p480

Water-Balance Model of Two Conservancies in Guyana Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p513

Alluvial Canals Adequacy Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p543

Automated Operation of Pumping Stations in Soviet Union Journal of Irrigation and Drainage Engineering, July/Aug 92, v118, n4, p555

Design and Operation of On-Farm Irrigation Ponds Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v118, n5, p659 Flow Capacity Through Wide and Submerged Vegetal Channels Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v118, n5, p724

Including Uncertainty of Hydraulic Conductivity into Drainage Design *Journal of Irrigation and Drainage Engineering*, Sep/Oct 92, v118, n5, p744

Cost Models for Preliminary Economic Evaluation of Sprinkler Irrigation Systems

Journal of Irrigation and Drainage

Engineering, Sep/Oct 92, v118, n5, p757

Effects of Drainage and Water-Management Practices on Hydrology Journal of Irrigation and Drainage Engineering, Sep/Oct 92, v 118, n5, p807

Velocity Distribution Inside and Above Branched Flexible Roughness Journal of Irrigation and Drainage Engineering, Nov/Dec 92, v118, n6, p914

Irrigation Land Management Model Journal of Irrigation and Drainage Engineering, Nov/Dec 92, v118, n6, p928

Journal of Parasitology

Description and Pathology of *Neoechinorhynchus idahoensis* N. Sp. (Acanthocephala: Neoechinorhynchidae) in *Catostomus columbianus* from Idaho *Journal of Parasitology*, Feb 92, v78, n1, p34

Biological Tags for Stock Separation in Pacific Herring Clupea harengus pallasi in California Journal of Parasitology, Feb 92, v78, n1, p54

Pattern of Cercarial Emergence of *Schistosoma curassoni* from Niger and Comparison with Three Sympatric Species of Schistosomes *Journal of Parasitology*, Feb 92, v78, n1, p61

Sarcocystis falcatula of Oppossums: Transmission by Cockroaches with Fatal Pulmonary Disease in Psittacine Birds Journal of Parasitology, Feb 92, v78, n1, p116

Parasitism by Cuterebrid Botflies (Metacuterebra apicalis) in Oryzomys nitidus (Rodentia: Cricetidae) and Metachirus nudicaudatus (Marsupialia: Didelphidae) in a Southeastern Brazilian Rain Forest Journal of Parasitology, Feb 92, v78, n1, p142

Isolation of *Toxoplasma gondii* from a Naturally Infected Beef Cow *Journal of Parasitology*, Feb 92, v78, n1, p151

Psoroptes sp. in Two Llamas (Lama glama) in Washington Journal of Parasitology, Feb 92, v78, n1, p153

Helminth Parasites of the Raccoon (*Procyon iotor*) from North-Central Arkansas *Journal of Parasitology*, Feb 92, v78, n1, p163

Coccidian Assemblages in the Wyoming Ground Squirrel, Spermophilus elegans elegans Journal of Parasitology, Apr 92, v78, n2, p323

The Susceptibility of the Indonesian I/CDC Strain of *Plasmodium vivax* to Chloroquine *Journal of Parasitology*, Apr 92, v78, n2, p344

Cestode Parasites in *Potamotrygon motoro* (Natterer) (Chondrichthyes: Potamotrygonidae) from Southwestern Brazil, Including *Rhinebothroides mclennanae* N. Sp. (Tetraphyllidae: Phyllobothriidae), and a Revised Host-Parasite Checklist for Helminths Inhabiting Neotropical Freshwater Stingrays *Journal of Parasitology*, June 92, v78, n3, p393

Neobenedenia pargueraensis N. Sp. (Monogenea: Capsalidae) from the Red Hind, Epinephelus guttatus, and Comments About Neobenedenia Melleni
Journal of Parasitology, June 92, v78, n3, p399

New Distribution Records for Bunodera eucaliae and Bunodera inconstans N. Comb (Digenea: Allocreadiidae: Bunoderinae) with Discussion of Their Phylogenetic Relationships Journal of Parasitology, Oct 92, v78, n5, p779

A New Coccidian Parasite (Apicomplexa: Eimeriorina) from Anolis distichus (Sauria: {Polychridae}, in the Dominican Republic Journal of Parasitology, Oct 92, v78, n5, p784

A New Species of *Linstowia* (Cestoda: Anoplocephalidae) from Marsupials in Bolivia *Journal of Parasitology*, Oct 92, v78, n5, p795

Tikusnema javaense N. Gen., N. Sp. (Nematoda: Acuarioidea) and Other Nematodes from Rattus agentiventer Collected in West Java, Indonesia Journal of Parasitology, Oct 92, v78, n5, p800

Two New Coccidian Parasites from the Slate-Colored Grosbeak (*Pitylus* grossus) of South America Journal of Parasitology, Oct 92, v78, n5, p805

Onchocerciasis in Minnesota Cattle *Journal of Parasitology*, Oct 92, v78, n5, p808

Parasites of the Extinct Shasta Ground Sloth, *Nothrotheriops* shastensis in Rampart Cave, Arizona Journal of Parasitology, Oct 92, v78, n5, p811

Dynamics of the Parasite Assemblage of *Pimephales promelas* in Nebraska *Journal of Parasitology*, Oct 92, v78, n5, p830

Host-Parasite Relationships of Longnose Dace, *Rhinicthys* cataractae from the Ford River, Michigan Journal of Parasitology, Oct 92, v78, n5, p837

On-Site Diagnosis of *Plasmodium* falciparum, *P. vivax*, and *P. malariae* by Using the Quantitative Buffy Coat System

Journal of Parasitology, Dec 92, v78, n6, p994

Five Confirmed Human Cases of Gnathostomiasis Nipponica Recently Found in Northern Japan Journal of Parasitology, Dec 92, v78, n6, p1006

Developmental Stages of *Paralebion elongatus* from Aquairium-Held Reef Whitetip Sharks (*Triaenodon obesus*) Captured in Hawaiian Waters *Journal of Parasitology*, Dec 92, v78, n6, p1027

Journal of Soil and Water Conservation

Water Table Management in the Eastern Coastal Plain Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p47

Water Table Management for Field-Sized Areas in the Atlantic Coastal Plain

Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p52

Water Table Management on a Watershed Scale Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p58

Soil and Crop Management Aspects of Water Table Control Practices Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p71

Airborne Laser: A Tool to Study Landscape Surface Features Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p104

Estimation of Stocking Rate on New Mexico Rangelands Journal of Soil and Water Conservation, Jan-Feb 92, v47, n1, p116

Classifying Remotely Sensed Data for Use in an Agricultural Nonpoint-Source Pollution Model Journal of Soil and Water Conservation, Mar-Apr 92, v47, n2, p179

Nitrate in Drinking Water Wells in Burlington and Mercer Counties, New Jersey Journal of Soil and Water Conservation, Mar-Apr 92, v47, n2, p183 Stale Seedbed Production of Soybeans with a Wheat Cover Crop *Journal of Soil and Water Conservation*, Mar-Apr 92, v47, n2, p187

Agriculture and the Everglades Journal of Soil and Water Conservation, May-June 92, v47, n3, p207

The Status of North Dakota Wetlands Journal of Soil and Water Conservation, May-June 92, v47, n3, p216

Water Quality and Agriculture: Mississippi Experiences Journal of Soil and Water Conservation, May-June 92, v47, n3, p220

High-Stature Grasses for Winter Grazing Journal of Soil and Water Conservation, May-June 92, v47, n3, p224

Teaching Land Management With a Microcomputer-Based Model *Journal of Soil and Water Conservation*, May-June 92, v47, n3, p226

Use of a Geographic Information System for Selection of Sites for Land Application of Sewage Waste Journal of Soil and Water Conservation, May-June 92, v47, n3, p271

Effects of Soil Erosion on Corn Yields on Marlette Soils in South-Central Michigan Journal of Soil and Water Conservation, July-Aug 92, v47, n4, p325

Costs of Conventional and Conservation Tillage Systems Journal of Soil and Water Conservation, July-Aug 92, v47, n4, p328

Maintenance of Stormwater BMPs in Four Maryland Counties Journal of Soil and Water Conservation, Sep/Oct 92, v47, n5, p417

Land Use Change in Three San Francisco Bay Area Counties: Implications for Ranching at the Urban Fringe Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p475

Inspection and Maintenance of Infiltration Facilities

Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p481

Productivity Index Model Comparison for Selected Soils in North Central United States *Journal of Soil and Water Conservation*, Nov/Dec 92, v47, n6, p491

Community Participation for Forest Watershed Management in Laos Journal of Soil and Water Conservation, Nov/Dec 92, v47, n6, p499

Journal of the Air and Waste Management Association

Field Measurements of Dry Deposition Compounds Using the Transition Flow Reactor

Journal of the Air and Waste Management Association, Jan 92, v42, n1, p36

Airborne Concentration of Trivalent and Hexavalent Chromium from Contaminated Soils at Unpaved and Partially Paved Commerical/Industrial Sites

Journal of the Air and Waste Management Association, Jan 92, v42, n1, p40

EPA SITE Demonstration of the BioTrol Soil Washing Process Journal of the Air and Waste Management Association, Jan 92, v42, n1, p96

Airshed Calculation of the Sensitivity of Pollutant Formation to Organic Compound Classes and Oxygenates Associated with Alternative Fuels *Journal of the Air and Waste Management Association*, Feb 92, v42, n2, p174

The Behavior of Arsenic in a Rotary Kiln Incinerator *Journal of the Air and Waste Management Association*, Feb 92, v42, n2, p179

Comparison of Emission Inventory and Ambient Concentration Ratios of CO, NMOG, and NO_x in California's South Coast Air Basin

Journal of the Air and Waste Management Association, Mar 92, v42, n3, p264

Comparison of Spill Frequencies and Amounts at Vapor Recovery and Conventional Service Stations in California Journal of the Air and Waste Management Association, Mar 92, v42, n3, p284

Evaluation of a Puff Dispersion Model in Complex Terrain Journal of the Air and Waste Management Association, Mar 92, v42, n3, p290

Growth Response of Four Species of Eastern Hardwood Tree Seedlings Exposed to Ozone, Acidic Precipitation, and Sulfur Dioxide Journal of the Air and Waste Management Association, Mar 92, v42, n3, p309

Reducing the Use of Ozone Depleting Chemicals: The Irvine California Ordinance

Journal of the Air and Waste Management Association, Apr 92, v42, n4, p429

A Portable System for Prediction of a Transient Plume Journal of the Air and Waste Management Association, Apr 92, v42, n4, p433

Flow Rates and Compositions of Incinerated Waste Streams in the United States

Journal of the Air and Waste Management Association, Apr 92, v42,

rield Demonstration of the Linde Oxygen Combustion System on the

EPA Mobile Incinerator Journal of the Air and Waste Management Association, Apr 92, v42, n4, p493

Reactivity-Based Hydrocarbon Controls: Scientific Issues and Potential Regulatory Applications Journal of the Air and Waste Management Association, May 92, v42, n5, p657

Atmospheric Concentrations of PCDDs/PCDFs in Southern California

Journal of the Air and Waste Management Association, May 92, v42, n5, p672

Effects of Operating Variables on PAH Emissions and Mutagenicity of Emissions from Woodstoves

Journal of the Air and Waste Management Association, May 92, v42, n5, p691

Development of Cleanup Standards at Superfund Sites: An Evaluation of Consistency

Journal of the Air and Waste Management Association, June 92, v42, n6, p762

Volatile Organic Compounds Measured at a Telephone Switching Center from 5/30/85-12/6/88: A Detailed Case Study Journal of the Air and Waste Management Association, June 92, v42, n6, p792

Photochemical Pollution at Two Southern California Smog Receptor Sites

Journal of the Air and Waste Management Association, June 92, v42, n6, p805

Air Pollution Monitoring in Amman, Jordan

Journal of the Air and Waste Management Association, June 92, v42, n6, p814

Steam Stripping and Batch Distillation for the Removal and/or Recovery of Volatile Organic Compounds from Industrial Wastes

Journal of the Air and Waste Management Association, July 92, v42, n7, p936

Control Technologies for Remediation of Contaminated Soil and Waste Deposits at Superfund Lead Battery Recycling Sites

Journal of the Air and Waste Management Association, July 92, v42, n7, p970

The OTC Challenge: Adding VOC and NO_x Controls in the Northeast Journal of the Air and Waste Management Association, Aug 92, v42, n8, p1053

Tagging Diesel and Residential Oil Furnace Emissions in Roanoke, Virginia, with Enriched Isotopes of Samarium

Journal of the Air and Waste Management Association, Aug 92, v42, n8, p1057

Summary of the 1991 EPRI/EPA/DOE SO₂ Control Symposium *Journal of the Air and Waste Management Association*, Aug 92, v42, n8, p1110

Ozone Control Strategies Based on the Ratio of Volatile Organic Compounds to Nitrogen Oxides Journal of the Air and Waste Management Association, Sep 92, v42, n9, p1173

Application of Airborne Lidar in Particulate Air Quality Problem Delineation, Monitoring Network Design and Control Strategy Development

Journal of the Air and Waste Management Association, Sep 92, v42, n9, p1186

Flue Gas NO_x Reduction Using Ammonia Radical Injection Journal of the Air and Waste Management Association, Sept 92, v42, n9, p1193

Statistical Analysis of Trends in Urban Ozone Air Quality Journal of the Air and Waste Management Association, Sep 92, v42, n9, p1204

The Potential of Pulse-Jet Baghouses for Utility Boilers. Part 2: Performance of Pulse-Jet Fabric Filter Pilot Plants

Journal of the Air and Waste Management Association, Sept 92, v42, n9, p1240

Airborne Lidar Mapping of Ozone Concentrations During the Lake Michigan Ozone Study Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1313

Measurements of VOCs from the TAMS Network

Journal of the Air and Waste Management Association, Oct 92, V42, n10, p1319

Controlled Enrichment System for Experimental Fumigation of Plants in the Field with Sulfur Dioxide Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1324 Microphysical Effect on Cloud Water Acidity: A Case Study in a Nonprecipitating Cloud Event Observed at Mr. Mitchell, North Carolina Journal of the Air and Waste Management Association, Oct 92, v42,

n10, p1345

Site Demonstration of the Retech Plasma Centrifugal Furnace: The Use of Plasma to Vitrify Contaminated Soil

Journal of the Air and Waste Management Association, Oct 92, v42, n10, p1372

Emission Characteristics of Mexico City Vehicles Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1424

Pilot-Scale Evaluation of an Incinerability Ranking System for Hazardous Organic Compounds Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1430

The WHITEX Study and the Role of the Scientific Community: A Critique Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1453

Identifying "Worst Case" Persistence Factors for Carbon Monoxide Modeling Near Intersections in Orlando, Florida Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1461

Interactions Between Potassium and Sulfur Species in a Coal-Fired Magnetohydrodynamics System Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1466

NO Controls for Utility Boilers: Highlights of the EPRI July 1992 Workshop Journal of the Air and Waste Management Association, Nov 92, v42, n11, p1498

The History of Air Pollution in York, England

Journal of the Air and Waste Man-

agement Association, Dec 92, v42, n12, p1562

Vehicle Occupant Exposure to Carbon Monoxide Journal of the Air and Waste Management Association, Dec 92, v42, n12, p1603

Atmospheric Polycyclic Aromatic Hydrocarbons at a Point Surface of Emissions. Part A: Identification and Determination of Polycyclic Aromatic Compounds in Airborne Particulate Matter Near a Horizontal Stud Soderberg Plant Journal of the Air and Waste Management Association, Dec 92, v42, n12, p1609

Journal of the Institution of Water and Environmental Management

Use of the Streaming Current Detector at Langsett Water-Treatment Works

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p1

The Protection of Urban Groundwater from Pollution

Journal of the Institution of Water and Environmental Management, 92, v6, n1, p28

Environmental Control Measures at Greengairs Landfill Site Journal of the Institution of Water and Environmental Management, 92, v6, n1, p38

Assessment and Control of Farm Pollution Journal of the Institution of Water and Environmental Management, 92, v6, n1, p48

Measurements of Head Variations Within Observation Boreholes and Their Implications for Groundwater Monitoring Journal of the Institution of Water and Environmental Management, 92, v6, n1, p91 The Development of a Brush Clarifier for the Tertiary Treatment of Sewage Effluents

Journal of the Institution of Water and Environmental Management, 92, v6, n2, p130

Phosphate Reduction in Sewage Effluents: Some Practical Experiences

Journal of the Institution of Water and Environmental Management, 92, v6, n2, p158

Hydrology of Pesticides in a Chalk Catchment: Groundwaters Journal of the Institution of Water and Environmental Management, 92. v6, n2, p172

Groundwater Management in the Urban Area of Hanover, Germany Journal of the Institution of Water and Environmental Management, 92, v6, n2, p199

Groundwater Protection in the United Kingdom: Assessment of the Landfill Leachate Source-Term Journal of the Institution of Water and Environmental Management, 92, v6, n2, p229

Developments in Sewage Sludge Processing Journal of the Institution of Water and Environmental Management, 92, v6, n3, p249

Plumbosolvency Effects and Control in Hard Waters

Journal of the Institution of Water
and Environmental Management, 92,
v6, n3, p259

The Control and Monitoring of Discharges by Biological Techniques Journal of the Institution of Water and Environmental Management, 92, v6, n3, p269

Water Treatment - An Updated Hong Kong Experience Journal of the Institution of Water and Environmental Management, 92, v6, n3, p278

Water Quality and Management Strategies in London's Docklands Journal of the Institution of Water and Environmental Management, 92, v6, n3, p288 Wellhead Protection Zones in Germany: Delineation, Research and Management Journal of the Institution of Water and Environmental Management, 92, v6, n3, p303

Leachate Collection, Treatment and Disposal Journal of the Institution of Water and Environmental Management, 92, v6, n3, p321

Experiences of Biological Iron and Manganese Removal in Finland Journal of the Institution of Water and Environmental Management, 92, v6, n3, p333

Speciation as an Aid to Understanding the Chemistry of Water Treatment

Journal of the Institution of Water and Environmental Management, 92,

Paris Improves Its Drinking Water Treatment Plants Journal of the Institution of Water and Environmental Management, Mar 92, p1

v6, n3, p351

The UK's Environmental Strategy and Its Likely Impact Journal of the Institution of Water and Environmental Management, Mar 92, p13

Treatment and Disposal Scheme for the Sewage of Athens Journal of the Institution of Water and Environmental Management, Mar 92, p20

How the Wastewater Discharge Fee Might Become a Tool of River-Basin Management Journal of the Institution of Water

Journal of the Institution of Water and Environmental Management, Mar 92, p27

Water Quality of the North Sea: Concerns and Control Measures Journal of the Institution of Water and Environmental Management, Mar 92, p31

Evaluation of Methods for Nitrogen and Phosphorus Control in Sewage Effluents Journal of the Institution of Water and Environmental Management, Mar 92, p50

Aspects of Eutrophication in the Venice Lagoon Journal of the Institution of Water and Environmental Management, Mar 92, p62

Protection of the Mediterranean Marine Environment Journal of the Institution of Water and Environmental Management, Mar 92, p79

Water Resources and Management in the Republic of Ireland Journal of the Institution of Water and Environmental Management, Mar 92, p89

Some Environmental Aspects of the Management of Water Supplies for the Region of Madrid Journal of the Institution of Water and Environmental Management, Mar 92, p101

Solid Waste Problems and Their Handling in the Netherlands, The Journal of the Institution of Water and Environmental Management, Mar 92, p112

New Technologies in the Belgian Drinking Water Sector Journal of the Institution of Water and Environmental Management, Mar 92, p118

Practical Aspects of Yield Investigations of Groundwater Sources Journal of the Institution of Water and Environmental Management, 92, v6, n4, p397

Overview of Clean-Up Methods for Contaminated Sites Journal of the Institution of Water and Environmental Management, 92, v6, n4, p408

Reservior Sedimentation and Colour Problems in Southern Pennine Reservoirs Journal of the Institution of Water and Environmental Management, 92, v6, n4, p418 Impacts of Climatic Change on River Flow Regimes in the UK Journal of the Institution of Water and Environmental Management, 92, v6, n4, p432

Groundwater Pollution in Spain: General Aspects Journal of the Institution of Water and Environmental Management, 92, v6, n4, p452

Contamination of the Chalk Aquifer by Chlorinated Solvents: A Case Study of the Luton and Dunstable Area

Journal of the Institution of Water and Environmental Management, 92, v6, n5, p541

Sewage Sludge Disposal in the UK: A New Challenge for the Next Twenty Years Journal of the Institution of Water and Environmental Management, 92, v6, n5, p551

Hot-Water Supply System Utilizing Waste Heat from a Sludge Incineration Plant Journal of the Institution of Water and Environmental Management, 92, v6, n5, p560

Controlling Diffuse Pollution of Groundwater from Agriculture and Industry Journal of the Institution of Water and Environmental Management, 92,

v6, n5, p569

Health-Risks Assessment of Dinghy Sailing in Avon and Exposure to Cyanobacteria (Blue-Green Algae) Journal of the Institution of Water and Environmental Management, 92, v6, n5, p613

Japanese Sewage Sludge Treatment, Utilization and Disposal Journal of the Institution of Water and Environmental Management, 92, v6, n5, p628

Upgrading of Sewerage Assets to Comply with New Legislation: A Lothian Regional Viewpoint Journal of the Institution of Water and Environmental Management, 92, v6, n6, p641 Thermal Treatment and Ultimate Disposal of Sewage Sludge in Japan Journal of the Institution of Water and Environmental Management, 92, v6, n6, p653

Fluvial Redistribution of Chernobyl Fallout: Reservoir Evidence in the Severn Basin Journal of the Institution of Water and Environmental Management, 92, v6, n6, p659

The Impact of the EC Urban Waste Water Treatment Directive Journal of the Institution of Water and Environmental Management, 92, v6, n6, p675

Impact in Scotland of UK and EC Sewage Legislation Journal of the Institution of Water and Environmental Management, 92, v6, n6, p682

Environmental Auditing in the Public Sector: The Lancashire Experience Journal of the Institution of Water and Environmental Management, 92, v6, n6, p690

A Survey of Cryptosporidium Oocysts in Surface and Groundwaters in the UK Journal of the Institution of Water and Environmental Management, 92, v6, n6, p697

Restoring Coastal Wetlands: The Californian Experience Journal of the Institution of Water and Environmental Management, 92, v6, n6, p709

Journal of the Science of Food and Agriculture

Influence of the Cropping Pattern on Aflatoxin Contamination in Preharvest *Kharif* (Monsoon) Maize Crop (*Zea mays*) Journal of the Science of Food and Agriculture, 92, v58, n1, p101

Comparative Studies of the Degradation of Non-Starchy Polysaccharides by Sorghums and Barleys During Malting

Journal of the Science of Food and Agriculture, 92, v58, n1, p129 A Model for Predicting Black Tea Quality from the Carotenoid and Chlorophyll Composition of Fresh Green Tea Leaf Journal of the Science of Food and Agriculture, 92, v58, n2, p185

Sterols of Seed Oils of Vernonia galamensis, Amaranthus cruentus, Amaranthus caudatus, Amaranthus hybridus and Amaranthus hypochondriacus Grown in the Humid Tropics
Journal of the Science of Food and Agriculture, 92, v58, n2, p221

Effect of Processing Conditions on the Oxidation of Cholesterol in Ghee Journal of the Science of Food and Agriculture, 92, v58, n2, p267

Antimutagenicity and Mutagen-Binding Activation of Mutagenic Pyrolyzates by Microorganisms Isolated from Japanese Miso Journal of the Science of Food and Agriculture, 92, v58, n3, p395

Nutritional Quality of Uncultivated Cereal Grains Utilised As Famine Foods in Western Sudan as Measured by Chemical Analysis Journal of the Science of Food and Agriculture, 92, v58, n3, p417

Patterns of Adenosine Triphosphate Catabolism as Freshness Indicators in Fish Species from the Baltic Sea Journal of the Science of Food and Agriculture, 92, v58, n4, p485

Chemical Composition and Protein Quality of Newly Released Groundnut (Arachis hypogaea L) Cultivars Journal of the Science of Food and Agriculture, 92, v59, n2, p161

Compariosn of Gas Chromatographic Volatile Profiling Methods for Assessing the Flavour Quality of Kenyan Black Teas Journal of the Science of Food and Agriculture, 92, v59, n2, p189

Malt Characteristics of Sorghym Vulgare Varieties from Ghana *Journal of the Science of Food and Agriculture*, 92, v59, n4, p457

Total Dietary Fibre Contents in Vegetables, Fruits and Berries Consumed in Finland Journal of the Science of Food and Agriculture, 92, v59, n4, p545

n-3 Polyunsaturated Fish Fatty Acids in a Fish Oil-Supplemented Bread Journal of the Science of Food and Agriculture, 92, v59, n4, p559

Epicatechin Derivatives and Fatty Acid Composition of a Traditional Product Made in Sikkim from Leaves of Camellia sinensis Journal of the Science of Food and Agriculture, 92, v60, n2, p271

Mycoflora and Mycotoxin-Producing Potential of Fungi from Poultry Feeds and Feed Ingredients in Trinidad Journal of the Science of Food and Agriculture, 92, v60, n3, p283

The Effects of Time to First Shoot Removal on Leaf Vegetable Quality in Cassava (Manihot esculenta Crantz) Journal of the Science of Food and

Physical, Chemical and Sensory Characteristics of Japanese-Type Plums Grown in Georgia and Alabama

Agriculture, 92, v60, n3, p319

Journal of the Science of Food and Agriculture, 92, v60, n3, p339

Grassland Fertilisers—Practices for the 1990s

Journal of the Science of Food and Agriculture, 92, v60, n3, p397

Microbiological Characteristics and Deteriorative Changes of 'Kwoka' (A Nigerian Non-Fermented Maize Dish) Produced Using Potassium Sorbate and Various Steaming Treatments Journal of the Science of Food and Agriculture, 92, v60, n4, p443

Journal of Toxicology and Environmental Health

Study on the Pathogenic Factors of Kashin-Beck Disease Journal of Toxicology and Environmental Health, 92, v35, n2, p79

Frequencies of Chromosomal Aberrations in Rodents Collected in the Coal-Field and Tobacco Culture Region of Criciúma, South Brazil Journal of Toxicology and Environmental Health, 92, v36, n2, p91

Delayed Health Sequelae of Accidental Exposure to Bromine Gas Journal of Toxicology and Environmental Health, 92, v36, n3, p273

Exposure Assessment for Heavy Metal Ingestion from a Sport Fish in Puerto, Rico: Estimating Risk for Local Fisherman Journal of Toxicology and Environmental Health, 92, v36, n4, p355

Experimental Influenza Virus Infection, Silicon Dioxide Polymorphs, and Pulmonary Fibrogenesis Journal of Toxicology and Environmental Health, 92, v37, n1, p11

PCDD and PCDF in Human Milk from Scandinavia, with Special Emphasis on Norway Journal of Toxicology and Environmental Health, 92, v37, n1, p73

Review of the Allergic Contact Dermatitis Hazard Posed by Chromium-Contaminated Soil: Identifying a "Safe" Concentration Journal of Toxicology and Environmental Health, 92, v37, n1, p177

Selected Pesticide Residues and Metabolites in Urine from a Survey of the USA General Population Journal of Toxicology and Environmental Health, 92, v37, n2, p277

Mutagens in Urine Sampled Repetitively from Municipal Refuse Incinerator Workers and Water Treatment Workers

Journal of Toxicology and Environmental Health, 92, v37, n4, p483

Journal of Water Resources Planning and Management

Quasi-Three-Dimensional Optimization Model of Jakarta Basin Journal of Water Resources Planning and Management, Jan/Feb 92, v118, n1, p18

Water Use in Saudi Arabia: Problems and Policy Implications

Journal of Water Resources Planning and Management, Jan/Feb 92, v118, n1, p107

Regional Flow-Duration Curves for Ungauged Sites in Massachusetts Journal of Water Resources Planning and Management, Jan/Feb 92, v118, n1, p110

Conjunctive-Use Planning in Mad River Basin, California Journal of Water Resources Planning and Management, Mar/Apr 92, v118, n2, p115

Managing Lower Colorado River Journal of Water Resources Planning and Management, May/June 92, v118, n3, p324

Irrigation and Drainage-Systems Policy Analysis and India Case Study Journal of Water Resources Planning and Management, July/Aug 92, v118, n4, p445

Simulating THM Formation Potential in Sacramento Delta Part 1 Journal of Water Resources Planning and Management, Sep/Oct 92, v118, n5, p513

Simulating THM Formation Potential in Sacramento Delta Part 2 Journal of Water Resources Planning and Management, Sep/Oct 92, v118, n5, p530

Modeling Monsoon-Affected Rainfall of Pakistan by Point Processes Journal of Water Resources Planning and Management, Nov/Dec 92, v118, n6, p671

Limnology and Oceanography

Physical Properties of Crater Lake, Oregon: A Method for the Determination of a Conductivity-and Temperature-Dependent Expression for Salinity

Limnology and Oceanography, Jan 92, v37, n1, p41

Effects of Variable Irradiance on Phytoplankton Productivity in Shallow Estuaries Limnology and Oceanography, Jan 92, v37, n1, p54

The Formation of Large Marine Snow and Its Sustained Residence in Surface Waters Limnology and Oceanography, Jan 92, v37, n1, p63 Experimental Tests for Particle Size-Dependent Bioturbation in the Deep Ocean

Limpology and Oceanography Jan 92

Limnology and Oceanography, Jan 92, v37, n1, p90

An Extremely Low-Light-Adapted Phototrophic Sulfur Bacterium from the Black Sea *Limnology and Oceanography*, Jan, 92, v37, n1, p150

Patterns in Phytoplankton Community Structure in Florida Lakes Limnology and Oceanography, Jan 92, v37, n1, p155

Phosphorus Limitation of Primary Production in Florida Bay: Evidence from C:N:P Ratios of the Dominant Seagrass *Thalassia testudinum Limnology and Oceanography*, Jan 92, v37, n1, p162

Carbonate Production and Sediment Transport in a Marl Lake of Southeastern Wisconsin Limnology and Oceanography, Jan 92, v37, n1, p184

Temporal Variations of ²³⁴Th Activity in the Water Column of Dabob Bay: Particle Scavenging *Limnology and Oceanography*, Mar 92, v37, n2, p296

The Chromium Cycle in a Seasonally Anoxic Lake Limnology and Oceanography, Mar 92, v37, n2, p315

Body Size and Egg Production in the Marine Copepod *Acartia hudsonica* During a Winter-Spring Diatom Bloom in Narragansett Bay *Limnology and Oceanography*, Mar 92, v37, n2, p342

Seasonal Changes in Size Frequency Distribution and Estimated Age in the Marine Copepod Arcartia hudsonica During A Winter-Spring Diatom Bloom in Narragansett Bay Limnology and Oceanography, Mar 92, v37, n2, p379

Lipids and Life-Cycle Strategy of a Hypolimnetic Copepod in Lake Michigan Limnology and Oceanography, Mar 92, v37, n2, p413 The Cycling of Iron and Manganese in the Water Column of Lake Sammamish, Washington *Limnology and Oceanography*, May 92, v37, n3, p510

The Biogeochemical Cycling of Trace Metals in the Water Column of Lake Sammamish, Washington: Response to Seasonally Anoxic Conditions

Limnology and Oceanography, May 92, v37, n3, p529

New and Recycled Primary Production in an OligotrophicLakw: Insights for Summer Phosphorus Dynamics *Limnology and Oceanography*, May 92, v37, n3, p590

Benthic Oxygen Fluxes on the Washington Shelf and Slope: A Comparison of In Situ Microelectrode and Chamber Flux Measurements *Limnology and Oceanography*, May 92, v37, n3, p614

Daphnia galeata mendotae as a Cryptic Species Complex with Interspecific Hybrids Limnology and Oceanography, May 92, v37, n3, p658

Recent Sulfur Enrichment in the Sediments of Little Rock Lake, Wisconsin *Limnology and Oceanography*, June 92, v37, n4, p689

Sources and Reactivities of Amino Acids in a Coastal Marine Environment

Limnology and Oceanography, June 92, v37, n4, p703

Microalgal Photosynthesis and Spectral Scalar Irradiance in Coastal Marine Sediments of Limfjorden, Denmark

Limnology and Oceanography, June 92, v37, n4, p760

Sedimentary Furrows and Organized Flow Structure: A Study in Lake Superior Limnology and Oceanography, June

92, v37, n4, p797

Event-Scale Response of Phytoplankton to Watershed Inputs in a Subestuary: Timing, Magnitude, and Location of Blooms

Limnology and Oceanography, June 92, v37, n4, p813

Carbon Cycling in the Amazon River: Implications from the ¹³C Compositions of Particles and Solutes *Limnology and Oceanography*, June 92, v37, n4, p857

A Rapid Chromatographic Method for Recovery of ¹⁵NO₂-and NO₃-Produced by Nitrification in Aqueous Samples *Limnology and Oceanography*, June 92, v37, n4, p900

Modification of the N: P Ratio in Lakes by In Situ Processes Limnology and Oceanography, July 92, v37, n5, p917

Trophic Interactions and Direct Physical Effects Control Phytoplankton Biomass and Production in an Estuary Limnology and Oceanography, July 92, v37, n5, p946

Complexation of Cadmium by Natural Organic Ligands in the Central North Pacific Limnology and Oceanography, July 92, v37, n5, p1008

Benthic Boundary Layer Communities and Carbon Cycling at Abyssal Depthis in the Central North Pacific *Limnology and Oceanography*, July 92, v37, n5, p1034

Methane Fluxes, Concentrations, and Production in Two Adirondack Beaver Impoundments *Limnology and Oceanography*, July 92, v37, n5, p1057

Dissolved Organic Phosphorous Concentrations in the Northeast Subarctic Pacific Ocean *Limnology and Oceanography*, July 92, v37, n5, p1067

Nitrification in Sediment Cores Measured with Acetylene Inhibition Limnology and Oceanography, July 92, v37, n5, p1108

The Phosphorus Cycle in Coastal Marine Sediments *Limnology and Oceanography*, Sep 92, v37, n6, p1129

Influence of Carbon Availability on Dentrification in the Central Baltic Sea

Limnology and Oceanography, Sep 92, v37, n6, p1146

Nutrient Limitation of Bacterioplankton Growth in Lake Dillon, Colorado *Limnology and Oceanography*, Sep 92, v37, n6, p1179

The Size Distribution of Plankton Biomass in a Large Lake and its Seasonal Variability Limnology and Oceanography, Sep 92, v37, n6, p1202

Growth and Production of Planktonic Protozoa in Lake Michigan: In Situ Versus in Vitro Comparisons and Importance to Food Web Dynamics Limnology and Oceanography, Sep 92, v37, n6, p1221

Feeding, Metabolism, and Growth of *Cyclosalpa bakeri* in the Subarctic Pacific

Limnology and Oceanography, Sep 92, v37, n6, p1236

Unusual Larval Fish Distribution Pattern in a Coastal Zone of the Western Mediterranean Limnology and Oceanography, Sep 92, v37, n6, p1252

Diploptene: An Indicator of Terrigenous Organic Carbon in Washington Coastal Sediments

Limnology and Oceanography, Sep 92, v37, n6, p1290

Spatial and Temporal Heterogeneity of *Daphnia* in Lake Constance; Intraand Interspecific Comparisons *Limnology and Oceanography*, Sep 92, v37, n6, p1327

Influence of Phosphorus Storage on the Uptake of Cadmium by the Marine Alga *Macrocystis pyrifera Limnology and Oceanography*, Sep 92, v37, n7, p1361

Carbon and Nitrogen Sources of Planktonic Bacteria in Lake Constance Studied by the Composition and Isotope Dilution of Intracellular Amino Acids *Limnology and Oceanography*, Sep 92, v37, n7, p1496 Regulation of Nutrient Concentrations in a Temperate Forest Stream: Roles of Upland, Riparian, and Instream Processes

Limnology and Oceanography, Sep 92, v37, n7, p1512

The Effect of Long-Term Alteration of In Situ Currents on the Growth of Mercenaria mercenaria in the Northern Gulf of Mexico Limnology and Oceanography, Sep 92, v37, n7, p1550

Seasonal Variations of Biogenic and Anthropogenic Halocarbons in Seawater from a Coastal Site Linmology and Oceanography, Sep 92, v37, n7, p1579

Can Phytoplankton Maintain a Positive Carbon Balance in a Turbid, Freshwater, Tidal Estuary? Limnology and Oceanography, Dec 92, v37, n8, p1608

Laboratory Production of Bromoform, Methylene Bromide, and Methyl Iodide by Macroalgae and Distribution in Nearshore Southern California Waters

Limnology and Oceanography, Dec 92, v37, n8, p1652

Bio-Optical Characteristics of Coastal Water; Absorption Spectra of Phytoplankton and Pigment Distribution in the Western North Atlantic *Limnology and Oceanography*, Dec 92, v37, n8, p1660

Observations of the Second Vertical Mode of the Internal Seiche in an Alpine Lake *Limnology and Oceanography*, Dec 92, v37, n8, p1705

Sediment Resuspension in Lake St. Clair
Limnology and Oceanography, Dec

Limnology and Oceanography, Dec 92, v37, n8, p1720

Early Diagenesis in a Marine Sapropel, Mangrove Lake, Bermuda Limnology and Oceanography, Dec 92, v37, n8, p1738

North American Journal of Fisheries Management

Modeling the Response of Native Steelhead to Hatchery Supplementa-

tion Programs in an Idaho River North American Journal of Fisheries Management, Winter 92, v12, n1, p62

Predation on Sockeye Salmon Fry by Juvenile Coho Salmon in the Chignik Lakes, Alaska

North American Journal of Fisheries Management, Winter 92, v12, n1, p87

Factors Influencing the Size Structure of Brook Trout and Brown Trout in Southeastern Wyoming Mountain Streams

North American Journal of Fisheries Management, Winter 92, v12, n1, p109

Factors Influencing the Size Structure of Brook Trout Populations in Beaver Ponds in Wyoming North American Journal of Fisheries Management, Winter 92, v12, n1, p118

Effect of Stocking Season and Technique on Survival of Lake Trout in Lake Ontario North American Journal of Fisheries Management, Winter 92, v12, n1, p131

Characteristics of the American Lobster Fishery of Grand Manan, New Brunswick, Canada North American Journal of Fisheries Management, Winter 92, v12, n1, p139

Effects of Semi-impoundment of Louisiana Marsh on Fish and Crustacean Nursery Use and Export North American Journal of Fisheries Management, Winter 92, v12, n1, p151

Evaluation of Rectangular and Circular Escape Vents in the Northwestern Hawaiian Islands Lobster Fishery North American Journal of Fisheries Management, Winter 92, v12, n1, p161

Incidence and Causes of Physical Failure of Artificial Habitat Structures in Streams of Western Oregon and Washington North American Journal of Fisheries Management, Winter 92, v12, n1, p182 Effects of Suction-Dredge Gold Mining on Benthic Invertebrates in a Northern California Stream North American Journal of Fisheries Management, Winter 92, v12, n1, p244

Evidence for Natural Reproduction by Stocked Walleyes in the Saginaw River Tributary System, Michigan North American Journal of Fisheries Management, Spring 92, v12, n2, p386

Seasonal Movements of Brown Trout in Northeast Wisconsin North American Journal of Fisheries Management, Summer 92, v12, n3, p433

Lake Trout Spawning in Lake Tahoe: Egg Incubation in Deepwater Macrophyte Beds North American Journal of Fisheries Management, Summer 92, v12, n3, p442

Field Evaluation of Two Rainbow Trout Strains Introduced Into Three British Columbia Lakes North American Journal of Fisheries Management, Summer 92, v12, n3, p465

Predation on Recently Released Larval American Shad in the Susquehanna River Basin North American Journal of Fisheries Management, Summer 92, v12, n3, p504

Efficacy of Triploid Grass Carp in Controlling Nuisance Aquatic Vegetation in South Carolina Farm Ponds

North American Journal of Fisheries Management, Summer 92, v12, n3, p581

Accuracy of Underwater Counts of Juvenile Chinook Salmon, Coho Salmon, and Steelhead North American Journal of Fisheries Management, Summer 92, v12, n3, p598

Regulatory Toxicology and Pharmacology

Programs of Safety Surveillance and Control of Fishery Products Regulatory Toxicology and Pharmacology, Feb 92, v15, n1, p14

International Cancer Risk Assessment: The Impact of Biologic Mechanisms

Regulatory Toxicology and Pharmacology, Feb 92, v15, n1, p41

Uncertainties in Health-Risk Assessment: An Integrated Case Study Based on Tetrachloroethylene in California Groundwater *Regulatory Toxicology and Pharmacology*, Feb 92, v15, n1, p86

Risk Analysis

Distribution and Expected Time of Residence for U.S. Households *Risk Analysis*, Mar 92, v12, n1, p65

Scheduling Updates of Probabilistic Risk Assessments: The Arkansas Nuclear One-Unit 1 Experience Risk Analysis, June 92, v12, n2, p239

Bivariate Distributions for Height and Weight of Men and Women in the United States *Risk Analysis*, June 92, v12, n2, p267

Microenvironmental Analysis of

Residential Exposure to Chromium-Laden Wastes in and Around New Jersey Homes Risk Analysis, June 92, v12, n2, p287

Negotiated Compensation for Solid-Waste Disposal Facility Siting: An Analysis of the Wisconsin Experience *Risk Analysis*, Dec 92, v12, n4, p505

Science of the Total Environment

Analysis of DNA Strand Break Induction and Repair in Plants from the Vicinity of Chernobyl Science of the Total Environment, Feb 92, v112, n1, p1

Cytogenetic Effects of Ionizing Radiation in *Crepis tectorum* Growing Within 30km of the Chernobyl Atomic Power Station Science of the Total Environment, Feb 92, v112, n1, p9

Genetic Consequences of Radioactive Contamination for Populations of *Arabidopsis*

Science of the Total Environment, Feb 92, v112, n1, p19

The Mutation Frequency of *Droso-phila melanogaster* Populations Living Under Conditions of Increased Background Radiation Due to the Chernobyl Accident *Science of the Total Environment*, Feb 92, v112, n1, p37

Genetic Disorders in Mice Exposed to Radiation in the Vicinity of the Chernobyl Nuclear Power Station *Science of the Total Environment*, Feb 92, v112, n1, p45

The Monitoring of Herbaceous Seeds in the 30-km Zone of the Chernobyl Nuclear Accident *Science of the Total Environment*, Feb 92, v112, n1, p57

Effects of Radioactive Fallout on Soil Animal Population in the 30km Zone of the Chernobyl Atomic Power Station

Science of the Total Environment, Feb 92, v112, n1, p69

Efficiency of Measures Aimed at Decreasing the Contamination of Agricultural Products in Areas Contaminated by the Chernobyl NPP Accident

Science of the Total Environment,
Feb 92, v112, n1, p79

Mathematic Modeling of Radionuclide Dispersion in the Pripyat-Dnieper Aquatic System after the Chernobyl Accident Science of the Total Environment, Feb 92, v112, n1, p89

The Structure of *Dreissena* polymorpha Populations from Basins Adjacent to the Chernobyl Atomic Power Station Science of the Total Environment, Feb 92, v112, n1, p115

Polycyclic Aromatic Hydrocarbons in Nearshore Marine Sediments of Australia Science of the Total Environment, Mar 92, v112, n2,3, p143 The Role of Gas Ebullition in the Transport of Organic Contaminants from Sediments

Science of the Total Environment,
Mar 92, v112, n2,3, p189

Organic Chemicals in the Air at Whitaker's Forest/Sierra Nevada Mountains, California Science of the Total Environment, Mar 92, v112, n2,3, p233

Lead-210 and Polonium-210 Concentrations in Some Species of Marine Molluscs

Science of the Total Environment,
Mar 92, v112, n2,3, p263

Nitrohumic Acids from Victorian Brown Coal Science of the Total Environment, Mar 92, v113, n1,2, p49

The Application of NMR to Organic Matter Inputs and Processes in Forest Ecosystems of the Pacific Northwest *Science of the Total Environment*, Mar 92, v113, n1,2, p107

Studies on the Nature of Sulphur in Peat Humic Acids from the Fraser River Delta, British Columbia Science of the Total Environment, Mar 92, v113, n1,2, p133

Comparison of Soil Fulvic Acids Using Synchronous Scan Fluorescence Spectroscopy, FTIR, Titration and Metal Complexation Kinetics Science of the Total Environment, Mar 92, v113, n1,2, p179

Hydrocarbons and Fatty Acids in Surficial Sediments (French Mediterranean Coastal Zones) Science of the Total Environment, Mar 92, v113, n3, p197

The Isotopic Composition of Lead in Man and the Environment in Finland 1966-1987; Isotope Ratios of Lead as Indicators of Pollutant Source *Science of the Total Environment*, Mar 92, v113, n3, p229

Influence of Zeolite on the Availability of Radiocaesium in Soil to Plants Science of the Total Environment, Mar 92, v113, n3, p287

Lead in Household Dust Science of the Total Environment, 92, v114, p1

Sediments and Aquatic Mosses as Pollution Indicators for Heavy Metals in the Ave River Basin (Portugal) Science of the Total Environment, 92, v114, p7

Long-Range Changes in Oxytetracycline Concentration and Bacterial Resistance Towards Oxytetracycline in a Fish Farm Sediment after Medication Science of the Total Environment, 92, v114, p25

Chemical and Spectroscopic Properties of Two Fractions of Soil Organic Matter Obtained by Electro-Ultrafiltration

Science of the Total Environment, 92, v114, p37

Sources and Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Two Italian Towns (Genoa and La Spezia) Science of the Total Environment, 92, v114, p47

Herbicide Losses in Runoff from the Agricultural Area of Thessaloniki in Thermaikos Gulf, N. Greece Science of the Total Environment, 92, v114, p59

Cadmium, Lead and Mercury Levels in Feeding Yeast Produced in Czechoslovakia Science of the Total Environment, 92, v114, p73

Natural Radiation—A Perspective to Radiological Risk Factors of Nuclear Energy Production Science of the Total Environment, 92, v114, p99

Occupational Exposure to Carbon Monoxide During Charcoal Meat Grilling Science of the Total Environment, 92, v114, p141

Trace Elements in Scalp Hair of Manufacturers of Fireworks from Sivakasi, Tamil Nadu Science of the Total Environment, 92, v114, p161 Organophosphorus Pesticide Residues in Some Watercourses from Merida, Venezuela Science of the Total Environment, 92, v114, p195

Investigations into the Chemical Forms of ²³⁹Pu in a West Cumbrian Saltmarsh Soil Radiolabelled by an Environmental Process *Science of the Total Environment*, 92, v114, p215

Radiocesium in Muscle Tissue of Reindeer and Pike from Northern Sweden Before and After the Chernobyl Accident. A Retrospective Study on Tissue Samples from the Swedish Environmental Specimen Bank Science of the Total Environment, 92,

Arsenic Introduced into a Littoral Freshwater Model Ecosystem *Science of the Total Environment*, 92, v115, n3, p219

v115, n3, p179

Monitoring of Lead, Cadmium and Mercury in Environmental Samples at the Regional Station of the Integrated Background Monitoring Network of GEMS in Czechoslovakia Science of the Total Environment, 92, v115, n3, p261

Carboxyhemoglobin Levels in Blood Donors in Bahrain Science of the Total Environment, 92, v116, n1,2, p53

Two-Stroke Engine Lubricant Emissions in a Body of Water Subjected to Intensive Outboard Motor Operation Science of the Total Environment, 92, v116, n1,2, p59

DDT and HCH Residues in Indoor Air Arising from Their Use in Malaria Control Programmes Science of the Total Environment, 92, v116, n1,2, p83

Migration of Radiocesium in Two Forest Soils as Obtained from Field and Column Investigations Science of the Total Environment, 92, v116, n1,2, p93 Monitoring of Air for Microbial and Metal Contamination at Selected Sites in the Vicinity of Johannesburg, South Africa Science of the Total Environment, 92, v116, n1,2, p159

Aerosols Characterization in a Forested Site in Quebec, Canada Science of the Total Environment, 92, v116, n3, p221

Geochemical Prospection of Cadmium in a High Incidence Area of Prostate Cancer, Sierra deGata, Salamanca, Spain Science of the Total Environment, 92, v116, n3, p243

Lead Concentration and d-Aminolevulinic Acid Dehydratase Activity in the Blood of the General Population of Tarragona Province, Spain Science of the Total Environment, 92, v116, n3, p253

Geographical and Temporal Patterns of Air-Borne and Personal 1,1,1, - Trichloroethane Exposure in Piedmont Region Italy

Science of the Total Environment, 92, v116, n3, p261

Polycyclic Aromatic Hydrocarbons, Nickel and Vanadium in Air Particulate Matter in Bahrain During the Burning of Oil Fields in Kuwait Science of the Total Environment, 92, v116, n3, p281

Chemical, Isotopic, Spectroscopic and Geochemical Aspects of Natural and Synthetic Humic Substances *Science of the Total Environment*, May 92, v117/118, p1

Applications of Pyrolysis-Gas Chromatography/Mass Spectometry to the Study of Humic Substances; Evidence of Aliphatic Biopolymers in Sedimentary and Terrestrial Humic Acids

Science of the Total Environment, May 92, v117/118, p13

Significant Differences in Metal-Organic Complexes Derived from Birch and Aspen Forest Soils in Interior Alaska *Science of the Total Environment*, May 92, v117/118, p121

Bound Phenolic Acids in Terrestrial Humic Acids Science of the Total Environment, May 92, v117/118, p187

Chrysotalunin, a Most Prominent Soil Antraquinone Pigment in Japanese Soils

Science of the Total Environment, May 92, v117/118, p219

Humic Substances and Some Microbial Analogs from Two Thermal Sites in Iceland

Science of the Total Environment, May 92, v117/118, p227

Effect of Sorghum Residues on Wheat Productivity in Semi-Arid Argentina. I. Stover Decomposition and N Distribution in the Crop *Science of the Total Environment*, May 92, v117/118, p253

Humification and Nitrogen Mineralization of Crop Residues in Semi-Arid Argentina

Science of the Total Environment,
May 92, v117/118, p263

A Study of the Formation Mechanism of Sedimentary Humic Substances. III. Evidence for the Protein-Based Melanoidin Model *Science of the Total Environment*, May 92, v117/118, p279

Environmental Changes Clarified by Humus Properties of Volcanic Ash Soils and Their Shift of Zonal Distribution Science of the Total Environment, May 92, v117/118, p293

Studies of Soil Organic Matter Dynamics Using Natural Carbon Isotopes Science of the Total Environment, May 92, v117/118, p305

Trace Metals in Humic Substances of Coastal Sediments of the Seto Inland Sea, Japan Science of the Total Environment, May 92, v117/118, p325

Structural Characteristics and Geochemical Significance of Humic Acids Isolated from Three Spanish Lignite Deposits Science of the Total Environment, May 92, v117/118, p335 Interactions of Atrazine with Humic Substances of Different Origins and Their Hydrolysed Products *Science of the Total Environment*, May 92, v117/118, p403

Complexation and Reduction of Uranium by Lignite Science of the Total Environment, May 92, v117/118, p425

Possible Complexation of Uranium with Dissolved Humic Substances in Pore Water of Marine Sediments *Science of the Total Environment*, May 92, v117/118, p439

Relationship between Total Dissolved Organic Carbon and SO₄⁻² in Soil and Waters

Science of the Total Environment, May 92, v117/118, p449

Humic Substances and Trace Metals Associated with Fe and Al Oxides Deposited in an Acidic Mountain Stream

Science of the Total Environment, May 92, v117/118, p485

Biodegradation of Aquatic Organic Matter with Reference to Drinking Water Treatment Science of the Total Environment, May 92, v117/118, p531

Short-Term Variations in Rain and Stream Water Conductivity at a Forested Site in Mid-Wales— Implications for Water Movement Science of the Total Environment, 92, v119, p1

Distribution of Heavy Metals in Elcho Island, Northern Territory, Australia Science of the Total Environment, 92, v119, p19

Evaluation of Heavy Metal Pollution in the Venetian Lagoon by Using *Mytilus galloprovincialis* as Biological Indicator *Science of the Total Environment*, 92, v119, p29

Reduced Dietary Cadmium Intake in Past 12 Years in a Rural Area in Japan Science of the Total Environment, 92, v119, p43

Lead Levels in Settled Dusts of Tripoli, Libya Science of the Total Environment, 92, v119, p51

The Recovery of a Sewage Sludge Dumping Ground: Trace Metal Geochemistry in the Sediment Science of the Total Environment, 92, v119, p57

Heavy Metals and Selenium in Stranded Dolphinsof the Northern Tyrrhenain (NW Mediterranean) Science of the Total Environment, 92, v119, p77

Effects of Sewage Sludge Disposal on the Sediment at the Garroch Head Dump Site, Firth of Clyde, Scotland Science of the Total Environment, 92, v119, p133

Study of Environmental Pollutants in and Around the City of Lahore, Pakistan. II. Concentrations of Cadmium in Blood of Different Groups of People Science of the Total Environment, 92, v119, p169

Baseline Levels of Selected Organochlorine Pesticide Residues in Surface Waters in Ibadan, Nigeria by Electron Capture Gas Chromatography

Science of the Total Environment, 92, v119, p179

Effects of Land-Use and Atmospheric Input on Stream and Soil Chemistry: Field Results and Long-Term Simulation at Mont-Lozere (Sevennes National Park, Southern France) Science of the Total Environment, 92, v119, p191

Sources of Present Chernobyl-Derived Caesium Concentrations in Surface Air and Deposition Samples Science of the Total Environment, 92, v119, p231

Radon (222Rn) Short-Lived Decay Products and Their Temporal Variation in Surface Air in Tripoli Science of the Total Environment, 92, v119, p243

Dissolved and Particulate Transport of Arsenic and Chromium in the Po River (Italy) Science of the Total Environment, 92, v119, p253

Clams as Pollution Bioindicators in Kuwait's Marine Environment: Metal Accumulation and Depuration Science of the Total Environment, June 92, v120, n3, p185

The Corrosion of Pentelic Marble by the Dry Deposition of Nitrates and Sulphates Science of the Total Environment, June 92, v120, n3, p213

Analytical Study of the Weathering of the Jeronimos Monastery in Lisbon *Science of the Total Environment*, June 92, v120, n3, p225

Spatial Variability of Throughfall Chemistry in a Tropical Rainforest (Central Amazonia, Brazil) Science of the Total Environment, June 92, v120, n3, p245

Air Pollution Trends in the Town of Turin in the Years 1973-1986 Science of the Total Environment, June 92, v120, n3, p271

Size-Differentiated Composition of Aerosol in Khartoum, Sudan Science of the Total Environment, June 92, v120, n3, p281

Toxic Metal Pollution in Africa Science of the Total Environment, 92, v121, p1

Factor Analysis of Total Element Concentrations in Surface Soils of Poland Science of the Total Environment, 92, v121, p39

Radon Concentrations Inside Castles and Other Ancient Buildings *Science of the Total Environment*, 92, v121, p53

Estimation of Ventilation Rates in Dwellings Science of the Total Environment, 92, v121, p67

Polychlorinated Biphenyl Congeners and Other Chlorinated Hydrocarbons in Bottom Sediment Cores of Lake Garda, Italy Science of the Total Environment, 92, v121, p77 The Transport and Fluvial Redistribution of Chernobyl-Derived Radiocaesium within the River Wye Basin, UK Science of the Total Environment, 92, v121, p109

Trends in Ambient Levels of DDT and HCH Residues in Humans and the Environment of Delhi, India Science of the Total Environment, 92, v121, p145

Solar UV Irradiance and Some Biological Consequences: Bombay, India Science of the Total Environment, 92, v121, p195

Cadmium, Lead, Mercury and ¹³⁷Cesium in Fruticose Lichens of Northern Quebec *Science of the Total Environment*, 92, v121, p217

The Distribution of Pollutant Heavy Metals and their Effect on Soil Respiration and Acid Phosphatase Activity in Mineral Soils of the Rouyn-Noranda Region, Quebec Science of the Total Environment, 92, v121, p231

The Transport of Airborne Trace Elements Copper, Lead, Cadmium, Zinc and Manganese from a City into Rural Areas Science of the Total Environment, 92, v121, p247

Occurrence of Butyltin Species in Sewage and Sludge in Canada Science of the Total Environment, 92, v121, p271

Natural Radioactivity from the Building Materials Used in Islamabad and Rawalpindi, Pakistan Science of the Total Environment, 92, v121, p283

Arctic Contaminants: Sources, Occurrence and Pathways Science of the Total Environment, July 92, v122, n1,2, p1

Arctic Marine Ecosystem Contamination

Science of the Total Environment,
July 92, v122, n1,2, p75

Arctic Terrestrial Ecosystem Contamination
Science of the Total Environment,

July 92, v122, n1,2, p135

Presence and Implications of Chemical Contaminants in the Freshwaters of the Canadian Arctic Science of the Total Environment, July 92, v122, n1,2, p165

Inuit Foods and Diet: A Preliminary Assessment of Benefits and Risks Science of the Total Environment, July 92, v122, n1,2, p247

Baseline Concentrations of As, Ba, Be, Li, Nb, Sr and V in Surface Soils of Poland *Science of the Total Environment*, 92, v122, n3, p279

Chromium Exposure Assessment of Outdoor Workers in Hudson County, New Jersey Science of the Total Environment, 92, v122, n3, p291

The Impact of the Banning of Tributyltin-Based Antifouling Paints on the Sydney Rock Oyster, Saccostrea commercialis Science of the Total Environment, 92, v122, n3, p301

Pesticide Exposure and Cholinesterase Levels Among Farm Workers in the Republic of South Africa Science of the Total Environment, 92, v122, n3, p315

Activated Sludge Biodegradation Test as a Screening Method to Evaluate Persistence of Pesticides in Soil *Science of the Total Environment*, 92, v123/124, p279

Assessment of the Movement of Triazole Fungicides by Soil Thin-Layer Chromatography *Science of the Total Environment*, 92, v123/124, p459

Contamination of Soils in the Slovak Republic by Persistent Pesticides and their Transport in Soil-Plant System Science of the Total Environment, 92, v123/124, p491

Sorption of Atrazine and Trifluralin in Relation to the Physio-Chemical Characteristics of Selected Soils Science of the Total Environment, 92, v123/124, p503

Butylate Movement and Persistence in Two Soils *Science of the Total Environment*, 92, v123/124, p531

Adsorption of Chlorpyrifos on Almeria Soils Science of the Total Environment, 92, v123/124, p541

Soil Adsorption of Diuron: Influence of NH₄Cl and Organic Matter Additions Science of the Total Environment, 92, v123/124, p551

Evaluation of a Simulation Model for Prediction of Chlorsulfuron Fate in an Umbrian Soil *Science of the Total Environment*, 92, v123/124, p561

Volatilization of Mercury from Lake Surfaces Science of the Total Environment, 92, v125, p47

A Mechanistic and Predictive Model of Metal Accumulation by the Tissue of the Australian Freshwater Mussel Velesunio angasi Science of the Total Environment, 92, v125, p85

Environmental Factors Affecting the Bioavailability and Toxicity of Cd and Zn to an Anaerobic Bacterium Desulfovibrio Science of the Total Environment, 92, v125, p123

Uranium Toxicity to Two Species of Australian Tropical Fish Science of the Total Environment, 92, v125, p137

pH-Dependent Uranium Toxicity to Freshwater Hydra Science of the Total Environment, 92, v125, p159

Absorption and Toxicity of Chromium and Cadmium in Limnanthemum cristatum Griseb. Science of the Total Environment, 92, v125, p175

Heavy Metal Concentrations in Lagoonal Saltmarsh Species,

Illawarra Region, Southeastern Australia Science of the Total Environment, 92, v125, p203

Trace Metal Fluxes to Lake Sediments in South-Eastern Australia *Science of the Total Environment*, 92, v125, p227

Zinc in the Sediments, Water and Biota of Lake Burley Griffin, Canberra Science of the Total Environment, 92, v125, p235

Levels of Heavy Metals in Dated Sediments from Lindisfarne Bay, Derwent Estuary, Tasmania Science of the Total Environment, 92, v125, p253

The Effect of Sewage on Trace Metal Concentrations and Scope for Growth in Mytilus edulis aoteanus and Perna canaliculus from Wellington Harbor, New Zealand Science of the Total Environment, 92, v125, p263

Major, Minor and Trace Element Distributions in Surface Water in Terra Nova Bay, Antarctica Science of the Total Environment, 92, v125, p289

Determination of Heavy Metals, Arsenic and Selenium in Barramundi (*Lates calcarifer*) from Lake Murray, Papua, New Guinea Science of the Total Environment, 92, v125, p305

The Impacts of Changing Geochemistry on the Fish Assemblages of the Lower Ok Tedi and Middle Fly River, Papua, New Guinea Science of the Total Environment, 92, v125, p321

Trace Metal Levels and Speciation in Sediments of Some Philippine Natural Waters

Science of the Total Environment,
92, v125. p345

Relationships Among the Species of Copper, Organic Compounds and Bioaccumulation Along the Mariculture Area in Taiwan Science of the Total Environment, 92, v125, p359

Trace Metal Contamination in Tokyo Bay, Japan Science of the Total Environment, 92, v125, p373

Background Values of Trace Elements in the Source Area of the Yangtze River Science of the Total Environment, 92, v125, p391

Contamination of Green Bay Water With Lead and Cadmium by a 37-m Long, 2-m Draft Research Vessel Science of the Total Environment, 92, v125, p405

The Level of Heavy Metals in the Red Sea after 50 Years Science of the Total Environment, 92, v125, p417

Polycyclic Aromatic Hydrocarbons in Air Samples of Meat Smokehouses Science of the Total Environment, Sep 92, v126, n1,2, p17

Concentrations of Copper, Zinc and Lead in the Sydney Rock Oyster, Saccostrea commercialis (Iredale and Roughley) from the Georges River, New South Wales Science of the Total Environment, Sep 92, v126, n1,2, p27

Atmospheric-Derived Element Tracers on Damaged Stone Science of the Total Environment, Sep 92, v126, n1,2, p35

Soil Contamination Beneath Asphalt Roads by Polynuclear Aromatic Hydrocarbons, Zinc, Lead, and Cadmium Science of the Total Environment, Sep 92, v126, n1,2, p49

The Impact of Conifer Harvesting on Stream Water ph, Alkalinity and Aluminium Concentrations for the British Uplands: An Example for an Acidic and Acid Sensitive Catchment in Mid-Wales

Science of the Total Environment,
Sep 92, v126, n1,2, p75

A Source Inventory and Budget for Chlorinated Dioxins and Furans in the United Kingdom Environment *Science of the Total Environment*, Sep 92, v126, n1,2, p89

Selenium and Other Elements in Freshwater Fishes from the Irrigated San Joaquin Valley, California Science of the Total Environment, Sep 92, v126, n1,2, p109

Atmospheric Fallout of Organochlorines and Heavy Metals on the Paris Area (France)

Science of the Total Environment,
Sep 92, v126, n1,2, p165

Chemistry and Granulometry of Settled Dust in the Northern Negev Desert, Israel Science of the Total Environment, Sep 92, v126, n3, p231

Atmospheric Deposition of Trace Elements Around Point Sources and Human Health Risk Assessment. I: Impact Zones Near a Source of Lead Emissions

Science of the Total Environment, Sep 92, v126, n3, p243

Emissions of Some Greenhouse Gases from Aquatic and Semi-Aquatic Ecosystems in the Netherlands and Options to Control Them Science of the Total Environment, Sep 92, v126, n3, p263

Simulation of Surface Energy Balance and Soil Temperature under Strip Tillage: II. Field Test Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p29

Determination of Some Atmospheric Pollutants Inside a Museum: Relationship with the Concentration Outside

Science of the Total Environment, Dec 92, v127, n3, p211

Towards Modelling the Impact of Climate Change and Deforestation on Stream Water Quality in Amazonia: A Perspective Based on the MAGIC Model

Science of the Total Environment, Dec 92, v127, n3, p225

Natural Radioactivity in the Ceramics Used in Dwellings as Construction Material
Science of the Total Environment,
Dec 92, v127, n3, p243

Trace Metals in the Marine Bivalve *Macoma balthica* in the Westerschelde Estuary (The Netherlands). Part 1: Analysis of Total Copper, Cadmium, Zinc and Iron Concentrations-Locational and Seasonal Variations

Science of the Total Environment, Dec 92, v127, n3, p255

Assessment of the Lifetime Accumulated Cadmium Intake from Food in Kempenland Science of the Total Environment, Dec 92, v127, n3, p281

Soil Science Society of America Journal

Solution Sulfate Chemistry in Three Sulfur-Retentive Hydrandepts Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p89

Sources of Nitric Oxide and Nitrous Oxide Following Wetting of Dry Soil Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p95

Contribution of Nitrogen Fixation to Sugar Cane: Nitrogen-15 and Nitrogen-Balance Estimates Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p105

Potassium Accumulation and Corn Yield Related to Potassium Fertilizer Rate and Placement Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p141

Nitrogen Fertilizer and Dairy Manure Effects on Corn Yield and Soil Nitrate Soil Science Society of America

Liming Double-Cropped Ryegrass and Sorghum Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p155

Journal, Jan-Feb 92, v56, n1, p148

Changes in a Sandy Sahelian Soil Following Crop Residue and Fertilizer Additions Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p172 Evaluation of Direct/Delayed Response Project Soil Sampling Classes: Northeastern United States Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p177

Micromorphology and Mineralogy of Cracking Soils from the Accra Plains of Ghana Soil Science Society of America

Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p187

Cesium 137 Distribution in a California Pelloxerert: Evidence of Pedoturbation Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p202

Partitioning Variability of Soil Properties Affecting Solute Movement with Soil Taxonomy Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p207

Conceptual and Statistical Modes to Characterize Soil Materials, Landforms, and Processes Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p214

Topsoil Depth and Desurfacing Effects on Properties and Productivity of a Typic Argiustoll Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p220

Soil Water and Crop Yield Spatial Variability Induced by Irrigation Nonuniformity Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p226

Infiltration in Response to Water Quality, Tillage, and Gypsum Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p261

Influence of Oxalae Loading on Phosphorus and Aluminum Solubility in Spodosols Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p290

Overlaying Soil and Timber Inventories to Assess Aspen Productivity in Northern Minnesota *Soil Science Society of America Journal*, Jan-Feb 92, v56, n1, p295

Isotopic Composition of Hydration Water in Gypsum and Hydroxyl in Jarosite Soil Science Society of America Journal, Jan-Feb 92, v56, n1, p309

Spatial Variability of Evaporation Along Two Transects of a Bare Soil Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p341

Phosphorus Distribution in Calcareous Soil Profiles of the Central Plains Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p423

Pool Size and Mean Age of Stable Soil Organic Carbon in Cropland Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p460

Quantity-Intensity Relationships of Soil Ammonia in Long-Term Rotation Plots Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p494

Pedogenesis of Two Forest Soils (Kandiustults) Derived from Metamorphosed Granite in Korea Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p517

Mapping Ordinal Data in Soil Survey: A Costa Rican Example Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p525

Characterization and Genesis of Saprolite Derived from Gneissic Rocks of Virginia Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p531

Bromide and Nitrate Movement in an Irrigated Cotton Production System *Soil Science Society of America Journal*, Mar-Apr 92, v56, n2, p548

Water Retention of Soft Siltstone Fragments in a Ustic Torriorthent, Central Montana Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p555

Dry-Soil Aggregate Stability as Influenced by Selected Soil Properties

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p557

Bulk Density of a Sandy Loam: Traffic, Tillage and Irrigation-Method Effects Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p562

Phosphorus, Nitrogen and Carbon Fractions in Litter and Soil of Southern Pine Plantations Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p566

Leaching of Inorganic Phosphorus from Litter of Southern Pine Plantations

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p573

Biodegradability of Dissolved Organic Matter in Forest Throughfall, Soil Solution, and Stream Water Soil Science Society of America-Journal, Mar-Apr 92, v56, n2, p578

Identification of Nutritional Influences on Cone Production in Fraser Fir

Soil Science Society of America Journal, Mar-Apr 92, v56, n2, p586

Bypass Water Flow through Unsaturated Microaggregated Tropical Soils *Soil Science Society of America Journal*, May-June 92, v56, n3, p721

Partitioning Dissolved Inorganic and Organic Phosphorus Using Acidified Molybdate and Isobutanol Soil Science Society of America Journal, May-June 92, v56, n3, p762

Landscape-Scale Variations in Denitrification Soil Science Society of America Journal, May-June 92, v56, n3, p770

Genesis of Natriborolls (Solonetzic) in a Closed Lake Basin in Saskatchewan, Canada Soil Science Society of America Journal, May-June 92, v56, n3, p842

Redox Proceses and Diagnostic Wetland Soil Indicators in Bottomland Hardwood Forests Soil Science Society of America Journal, May-June 92, v56, n3, p856

Water-Use Efficiency of Grasses as Affected by Soil, Nitrogen and Temperature Soil Science Society of America Journal, May-June 92, v56, n3, p897 Mineralization of Nitrogen and Phosphorus from Soil Organic Matter in Southern Pine Plantations Soil Science Society of America Journal, May-June 92, v56, n3, p921

Carbon Storage in Upland Forests of the Lake States Soil Science Society of America Journal, May-June 92, v56, n3, p935

Rapid Measurement of Low Soil Water Potentials Using A Water Activity Meter Soil Science Society of America Journal, July/Aug 92, v56, n4, p1068

Interactions between Organic and Inorganic Components in Particle-Size Fractions Separated from Four Soils

Soil Science Society of America Journal, July/Aug 92, v56, n4, p1099

Plant-Available Nitrogen from Lentil and Wheat Residues During a Subsequent Growing Season Soil Science Society of America Journal, July/Aug 92, v56, n4, p1155

Secondary Manganese/Iron Ratios as Pedochemical Indicators of Field-Scale Throughflow Water Movement Soil Science Society of America Journal, July/Aug 92, v56, n4, p1211

Soils on Hillslopes in Acid Gray and Black Shales
Soil Science Society of America

Soil Science Society of America Journal, July/Aug 92, v56, n4, p1218

Cropping System and Consolidation Effects on Rill Erosion in the Georgia Piedmont

Soil Science Society of America Journal, July/Aug 92, v56, n4, p1238

Alternative Farming System Effects on Profile Nitrogen Concentrations on Two Iowa Farms Soil Science Society of America Journal, July/Aug 92, v56, n4, p1249

Evaporation from Ridge-Tilled Soil Covered with Herbicide-Killed Winter Wheat Soil Science Society of America Journal, July/Aug 92, v56, n4, p1278

Radiation Balance of Ridge-Tillage with Modeling Strategies for Slope and Aspect in the Subarctic Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1379

A Test of the Local Equilibrium Assumptibon for Adsorption and Transport of Picloram Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1392

Release of Potassium and Magnesium from Soil Fractions and Its Kinetics Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1421

Extractable Rubidium in Surface Horizons of Illinois Soils Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1453

Vesicular-Arbuscular Mycorrhizal Fungi and Irrigated Mined Land Reclamation in Southwestern Wyoning

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1464

Distribution of Soil and Plant Nutrients Along a Trophic Gradient in the Florida Everglades Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1492

Phosphorus Fractions and Availability in Sri Lankan Alfisols
Soil Science Society of America
Journal, Sep-Oct 92, v56, n5, p1510

Phosphorus Sorption and Uptake from Sri Lankan Alfisols Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1516

Presidedress Soil Nitrate Test Evaluation in Maryland Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1527

Texture, Mineralogy and Lamellae Development in Sandy Soils in Michigan Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1538

Pedogenesis in Outwash and Glacial Marine Drift, Northwestern Washington

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1545

Topography and Soil Acidity in an Arctic Landscape

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1553

Seasonal Soil Loss and Erodibility Variation on a Miamian Silt Loam Soil

Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1560

Nitrogen Mineralization in Soils of a Chaparral Watershed in Arizona Soil Science Society of America Journal, Sep-Oct 92, v56, n5, p1629

Organic and Inorganic Anion Effects on Reference and Soil Clay Critical Flocculation Concentration Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1762

Light-Fraction Organic Matter in Soils from Long-Term Crop Rotations

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1799

Stability of Synthetic Sand-Clay Aggregates After Wetting and Drying Cycles

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1843

Color Zonation Associated with Fractures in a Felsic Gneiss Saprolite Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1855

Seed-Zone Temperature and Moisture Conditions under Conventional and No-Tillage in Alaska Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1904

Erosion Effects on Soil Water Storage, Plant Water Uptake, and Corn Growth Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1911

Unconfined Compressive Strength of Some Steambank Soils with Herbaceous Roots Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1920

Soil Salinity Assessment by Electromagnetic Induction of Irrigated Land *Soil Science Society of America Journal*, Nov/Dec 92, v56, n6, p1933

Soil Carbon, Nitrogen, and Fine Root Biomass Sampling in a Pine Stand Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1945

Soil-Vegetation Relationships in Franciscan Terrain of Northwestern California

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1951

Fertilizer Placement for Conventional and No-Tillage Barley in the Subarctic

Soil Science Society of America Journal, Nov/Dec 92, v56, n6, p1973

Southern Journal of Applied Forestry

Relationships of Acorn Abundance and Deer Herd Characteristics in the Southern Appalachians Southern Journal of Applied Forestry, Feb 92, v16, n1, p5

Costs of Protecting Water Quality During Harvesting on Private Forestlands in the Southeast Southern Journal of Applied Forestry, Feb 92, v16, n1, p13

Basal Area and Volume Development of Natural Even-Aged Shortleaf Pine Stands in the Ouachita Mountains Southern Journal of Applied Forestry, Feb 92, v16, n1, p30

Economics of Direct Seeding and Planting for Establishing Oak Stands on Old-Field Sites in the South Southern Journal of Applied Forestry, Feb 92, v16, n1, p34

A Thinned/Unthinned Loblolly Pine Growth and Yield Simulator for Planted Cutover Site-Prepared Land in the Mid-Gulf South Southern Journal of Applied Forestry, May 92, v16, n2, p70

Fourth-Year Response of Loblolly Pine Following Chemical and Mechanical Site Preparation in the Georgia Piedmont Southern Journal of Applied Forestry, May 92, v16, n2, p99

Development of a Provisional Tree Quality Index for Planted Loblolly Pines in East Texas Southern Journal of Applied Forestry, May 92, v16, n2, p106

A Comparison of Sheared and Sawhead-Felled Stump Heights on Six Nonindustrial Private Timber Sales in Southeastern Virginia Southern Journal of Applied Forestry, Aug 92, v16, n3, p140

Growth and Wood Properties in a Carolina Sandhills Pine Seed Source Study

Southern Journal of Applied Forestry, Nov 92, v16, n4, p164

Loblolly Pine Seed Sources Differ in Susceptibility to the Southern Pine Beetle in South Carolina Southern Journal of Applied Forestry, Nov 92, v16, n4, p169

Reduction of Root Competition Increases Growth of Slash Pine Seedlings on a Cutover Site in Florida

Southern Journal of Applied Forestry, Nov 92, v16, n4, p193

Water, Air, and Soil Pollution

Seasonal Distribution of Airborne Protozoa in Mexico City and its Suburbs *Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p17*

Multiple Antibiotic Resistant Fecal Coliforms in Raw Sewage Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p47

Estimating Organic Acid Contributions to Surface Water Acidity in Quebec (Canada) Water, Air, and Soil Pollution, Jan 92, y61, n1,2, p57

Changes in Water Quality in the Laflamme Lake Watershed Area, Canada *Water, Air, and Soil Pollution*, Jan 92, v61, n1,2, p95

Quebec Lake Survey: I. Statistical Assessment of Surface Water Quality Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p107

Quebec Lake Survey: II. Origin and Extent of Acidification

Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p125

Ion Elution and Release Sequence from Deep Snowpacks in the Central Sierra Nevada, California Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p139

Baseline Element Concentrations in Soils and Plants, Wattenmeer National Park, North and East Frisian Islands, Federal Republic of Germany Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p169

Spatial Variability and Sampling of Cyanide Polluted Soil on Former Galvanic Factory Premises Water, Air, and Soil Pollution, Jan 92, v61, n1,2, p1

The Joint Effect of Oil and Drilling Agents on Some Invertebrate Species of the Caspian Sea *Water, Air, and Soil Pollution*, Mar 92, v62, n1,2, p1

Mercury in Baltic and North Sea Waters Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p43

Alkalinity Regulation in Maine Headwater Lakes: Terrestrial vs. Lacustrine Contributions in Summer Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p57

Algal Microfossils Provide High Temporal Resolution of Environmental Trends Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p75

Trend Detection in Water Quality Time Series of LRTAP-Quebec Network Lakes Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p89

Speciation of Copper in Soil Solutions from Podzols and Cambisols of S. Sweden *Water, Air, and Soil Pollution, Mar* 92, v62, n1,2, p111

Speciation and Mobilization of Aluminum and Cadmium in Podzols and Cambisols of S. Sweden Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p125 Sources and Behavior of Anthropogenic Radionuclides in the Ottawa River Waters

Water, Air, and Soil Pollution, Mar 92, v62, n1,2, p167

Effects of Genotype on the Response of Populus Tremuloides Michx. to Ozone and Nitrogen Deposition Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p189

Geographic Origin of *Pinus sylvestris* Populations Influences the Effects of Air Pollution on Flowering and Growth

Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p201

Genetic Implications in the Decline of Red Spruce Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p233

Hydrochemical Processes at a Pristine Site in Nord-Trøndelag, Mid-Norway Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p281

SO₂ and NH₃ Deposition as Possible Causes for the Extinction of *Arnica montana* L.

Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p325

Hydrochemical Budgets of a Small Forested Granitic Catchment Exposed to Acid Deposition: The Strengbach Catchment Case Study Water, Air, and Soil Pollution, Apr 92, v62, n3,4, p337

Humus Degradation Under the Influence of Simulated 'Acid Rain' Water, Air, and Soil Pollution, May 92, v63, n1,2, p51

Three-Year Growth Responses of *Pinus taeda* L. to Simulated Rain Chemistry, Soil Magnesium Status, and Ozone *Water, Air, and Soil Pollution, May* 92, v63, n1,2, p105

Calculating Critical Loads of Acid Deposition with Profile - A Steady-State Soil Chemistry Model Water, Air, and Soil Pollution, May 92, v63, n1,2, p119

Impact Assessment of Urban Waste Processing Systems Using a Multibox Model

Water, Air, and Soil Pollution, May 92, v63, n1,2, p155

Fecal Indicator Organisms Below an On-Site Wastewater System with Low Pressure Distribution Water, Air, and Soil Pollution, May 92, v63, n1,2, p201

Estimation of S and NO_x-N Deposition Budgets for the United States and Canada

Water Air and Soil Pollution, July

Water, Air, and Soil Pollution, July 92, v63, n3,4, p211

Acidity Status of Surface Waters in Massachusetts Water, Air, and Soil Pollution, July 92, v63, n3,4, p237

Determing Baselines and Variability of Elements in Plants and Soils Near the Kenai National Wildlife Refuge, Alaska

Water, Air, and Soil Pollution, July 92, v63, n3,4, p253

Trace Metal Concentrations in the Pink Shrimp Penaeus Notialis from the Coast of Ghana Water, Air, and Soil Pollution, July 92, v63, n3,4, p273

Ozone, Acidic Precipitation, and Soil Mg, Impacts on Soil and Loblolly Pine Seeding Nutrient Status after Three Growing Seasons Water, Air, and Soil Pollution, July 92, v63, n3,4, p281

Influence of pH on the Elimination of Fecal Coliform Bacteria in Waste Stabilization Ponds *Water, Air, and Soil Pollution, July* 92, v63, n3,4, p317

Studies on the Sorption of I (Iodide) and IO₃ (Iodate) onto Andosols *Water, Air, and Soil Pollution, July* 92, v63, n3,4, p321

Inter-Relationships between Soil Properties and the Uptake of Cadmium, Copper, Lead and Zinc from Contaminated Soils by Radish (*Raphanus sativus* L.) Water, Air, and Soil Pollution, July 92, v63, n3,4, p331

Temporal and Spatial Variations in Dominance, Diversity and Biotic

Indices Along a Limestone Stream Receiving a Trout Farm Effluent Water, Air, and Soil Pollution, July 92, v63, n3,4, p343

Population Dynamics of Attached Bacteria in a Mesotrophic Swampy Bog of Japan Water, Air, and Soil Pollution, July 92, v63, n3,4, p371

Environmental Factors Controlling the Population Growth Rate of the Bacterial Community in Matsumi-lke Bog

Water, Air, and Soil Pollution, July 92, v63, n3,4, p379

Formiate and Acetate in Wet Deposition at Pallanza (NW Italy) in Relation to Major Ion Concentrations *Water, Air, and Soil Pollution*, July 92, v63, n3/4, p397

Aluminum Precipitates from Groundwater of an Aquifer Affected by Acid Atmospheric Deposition in the Senne, Northern Germany Water, Air, and Soil Pollution, July 92, v63, n3,4, p411

Forestry Opportunities in the United States to Mitigate the Effects of Global Warming Water, Air, and Soil Pollution, Aug 92, v64, n1,2, p157

The Potential Role of Temperate Forests as Sinks for CO₂-Examples from the German Environmental Policy against Global Warming Water, Air, and Soil Pollution, Aug 92, v64, n1,2, p197

Phosphorus Availability to Corn from Wood Ash-Amended Soils Water, Air, and Soil Pollution, Sep 92, v64, n3,4, p475

Sorption and Desorption of Diuron and Norflurazon in Florida Citrus Soils *Water, Air, and Soil Pollution,* Sep 92, v64, n3,4 p487

Changes Since 1950 of Mineral Pools in the Upper C-Horizon of Swedish Deciduous Forest Soils *Water, Air, and Soil Pollution,* Sep 92, v64, n3,4 p495 Relationship Between Fluoride Contents and Loss of Lichens Near an Aluminium Works Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p503

Partitioning of Lead in Pristine and Runoff-Impacted Waters from Acidic Wetlands in the New Jersey Pinelands Water, Air, and Soil Pollution, Sep

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p511

Seasalt and Pollution Inputs Over the Continental United States *Water, Air, and Soil Pollution,* Sep 92, v64, n3,4 p561

On the Use of Tree Leaves as Bioindicators of the Contamination of Air by Organochlorines in France Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p575

Organochlorine Pesticide and PCB Contents in Otter (*Lutra lutra*) Scats from Western Scotland *Water*, *Air*, *and Soil Pollution*, Sep 92, v64, n3,4 p617

A Comparison Between Wet and Bulk Deposition at an Urban Site in the UK

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p635

Preliminary Results of Size Distribution Airborne Particles in Mexico City

Water, Air, and Soil Pollution, Sep 92, v64, n3,4 p649

Florida Acidic Deposition Conference Overview

Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p3

Precipitation Chemistry in East Central Florida from 1978 to 1987 Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p7

Atmospheric Deposition of Nitrate and its Transport to the Apalachicola Bay Estuary in Florida Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p23

Diatom Paleolimnological Evidence for Lake Acidification in the Trail Ridge Region of Florida Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p43

Rainfall and Runoff Chemistry of Florida Pine Flatwoods *Water, Air, and Soil Pollution*, Oct 92, v65, n1,2, p59

Acidification of Lake Annie, Highlands County, Florida *Water, Air, and Soil Pollution*, Oct 92, v65, n1,2, p69

Transit Times of Water in Soil Lysimeters from Modeling of Oxygen-18 Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p83

The Identification of Point Sources of Heavy Metals in an Industrially Impacted Waterway by Periphyton and Surface Sediment Monitoring Water, Air, and Soil Pollution, Oct 92, v65, n1,2, p175

Modeling the Fate and Transport of Al-Ahmadi Oil Spill Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p257

Organochlorinated Compunds and Selected Metals in Waters and Soils from Doñana National Park Spain Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p293

Organic Priority Pollutants in Groundwater and Surface Water at Three Landfills in North Central Florida Water Air and Soil Pollution Nov

Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p307

Growth and Grazed Rates of Bacterial Communities in a Bog as Determined by the Dilution Method Using a Continuous Culture System *Water*, *Air*, *and Soil Pollution*, Nov 92, v65, n3,4, p323

Ordination of Profundal Zoobenthos Along a Trace Metal Pollution Gradient in Northern Sweden Water, Air, and Soil Pollution, Nov 92, v65, n3,4, p339

Inorganic and Organic Sulfur Profiles in Nine *Sphagnum* Peat Bogs in the United States and Czechoslovakia *Water, Air, and Soil Pollution*, Nov 92, v65, n3,4, p371

Water Environment Research

Odor Control Research at the Montgomery County Regional Compost Facility Water Environment Research, 92, v64, n1, p13

Process Control Factors Influencing *Nocardia* Populations in Activated Sludge *Water Environment Research*, 92, v64, n1, p37

Selection and Full-Scale Use of a Chelated Iron Absorbent for Odor Control Water Environment Research, 92, v64, n2, p120

Priority Pollutant Loads from Effluent Discharges to the San Francisco Estuary Water Environment Research, 92, v64, n2, p134

Modeling of Best Management Practices on North Reelfoot Creek, Tennessee Water Environment Research, 92, v64, n3, p241

Fate of Alachlor and Atrazine in a Riparian Zone Field Site Water Environment Research, 92, v64, n3, p274

On-Site Alternatives for Treatment and Disposal *Water Environment Research*, 92, v64, n4, p386

Petroleum Processing and Synthetic Fuels Water Environment Research, 92, v64, n4, p448

Quantification of Wastewater Odors by the Affected Public Water Environment Research, 92, v64, n5, p720

Constructed Wetland Design—The First Generation Water Environment Research, 92, v64, n6, p776

Resuspension and Clearing of Dredge Spoils After Dredging, Cleveland Bay, Australia Water Environment Research, Dec 92, v64, n7, p910

Water Research

Toxicological and Chemical Characterization of Organic Micropollutants in River Po Waters

Water Research, Jan 92, v26, n1, p19

Enteric Virus Levels in River Water Water Research, Jan 92, v26, n1, p45

The State of Suspended Sediment in the Freshwater Fluvial Environment: A Method of Analysis Water Research, Jan 92, v26, n1, p65

Prediction of the Dispersion Number in Waste Stabilization Ponds *Water Research*, Jan 92, v26, n1, p85

Mineralization of Surfactants in Anaerobic Sediments of a Laundromat Wastewater Pond Water Research, Jan 92, v26, n1, p123

Ultra-Violet Absorption as a Tracing Technique for Sewage Dispersion and Water Masses in Two Red Sea Coastal Lagoons in Jeddah Water Research, Feb 92, v26, n2, p151

Study of Changes in Concentration During Penetration Through the Soil Layers by Means of Co-Relationship Water Research, Feb 92, v26, n2, p185

Wastewater Management and Resource Recovery in Intensive Rural Industries in Australia Water Research, Feb 92, v26, n2, p201

Evaluation of Different Bacteriophage Groups as Faecal Indicators in Contaminated Natural Waters in Southern England Water Research, Mar 92, v26, n3, p267

Groundwater Recharge of Sewage Effluent through Amended Sand Water Research, Mar 92, v26, n3, p285

Sorption of 1,2,3,4-Tetrachlorobenzene and Cadmium to Sediments and Suspended Solids in Lake Volkerak/Zoom *Water Research*, Mar 92, v26, n3, p327 Effects of Copper, Cadmium, Lead and Zinc on Nitrate Reduction in a Synthetic Water Medium and Lake Water from Northern Sweden Water Research, Mar 92, v26, n3, p355

Genotoxicity in Water and Sediment Extracts from the St. Lawrence River System, using the SOS Chromotest Water Research, Apr 92, v26, n4, p419

Impact of a Desalination Plant on the Physical and Chemical Properties of Seawater, Bahrain Water Research, Apr 92, v26, n4, p435

Ground and Aerial Survey of a Peninsular Landfill Water Research, Apr 92, v26, n4, p519

Chlorination and Dechlorination of Nuclear Reactor Cooling Water Water Research, Apr 92, v26, n4, p539

Eutrophication and Coral Reefs—Some Examples in the Great Barrier Reef Lagoon Water Research, May 92, v26, n5, p553

Radium and Uranium in Phosphae Fertilizers and Their Impact on the Radioactivity of Waters Water Research, May 92, v26, n5, p607

Wastewater from the Preparation of Table Olives *Water Research*, May 92, v26, n5, p629

A Phosphorus Loading Model for Northern Irish Lakes Water Research, May 92, v26, n5, p633

Periphyton Biomass Related to Point-Source Nutrient Enrichmnet in Seven New Zealand Streams *Water Research*, May 92, v26, n5, p669

Biological and Chemical Characterization of Newsprint/Specialty Mill Effluents

Water Research, June 92, v26, n6, p771

Removal of Chlorophenols in a Municipal Sewage Treatment Plant Using Activated Sludge Water Research, June 92, v26, n6, p797

Aerobic Submerged Biofilm Reactors for Wastewater Treatment Water Research, June 92, v26, n6, p825

Inflow, Levels and the Fate of Some Persistent Chlorinated Hydrocarbons in the Rijeka Bay Area of the Adriatic Sea *Water Research*, July 92, v26, n7, p899

Instability of Fecal Coliform Populations in Waters and Bottom Sediments at Recreational Beaches in Arizona

Water Research, July 92, v26, n7, p979

Factors Contributing to a Fish Kill in the Australian Wet/Dry Tropics Water Research, Aug 92, v26, n8, p1039

The Chlorine Demand of a Treated Water Water Research, Aug 92, v26, n8, p1073

Effect of Different Factors on the Die-Off of Fecal Bacteria in a Stabilization Pond Purification Plant *Water Research*, Aug 92, v26, n8, p1093

Searching for a Water Supply Connection in the Cabool, Missouri Disease Outbreak of *Escherichia coli* 0157:H7 *Water Research*, Aug 92, v26, n8, p1127

Enzymatic Release of Phosphate in Sediments of Various Origins Water Research, Sep 92, v26, n9, p1195

Analysis of Long-Term and Seasonal River Water Quality Changes in Latvia Water Research, Sep 92, v26, n9, p1203 Processes Affecting the Fate of Mercury in the Krka River Estuary Water Research, Sep 92, v26, n9, p1243

The Export of Particulate Matter, Particulate Phosphorus and Dissolved Phosphorus from Two Agricultural River Basins: Implications on Estimating the Non-Point Phosphorus Load Water Research, Oct 92, v26, n10,

Water Research, Oct 92, v26, n10 p1347

Variability of Dissolved Mn and Zn in the Seine Estuary and Chemical Speciation of these Metals in Suspended Matter *Water Research*, Oct 92, v26, n10, p1359

Indicator Bacteria for Fecal Pollution in the Littoral Zone of Lake Kinneret *Water Research*, Nov 92, v26, n11, p1457

Paddy Rice Slow-Rate Land Treatment Systems I. Design of Hydraulic Loading Rates *Water Research*, Nov 92, v26, n11, p1479

Paddy Rice Slow-Rate Land Treatment Systems II. Hydraulic Balances and Results of 4 Years' Operation *Water Research*, Nov 92, v26, n11, p1487

Toxicity of Walnut Husk Washing Waters Water Research, Nov 92, v26, n11, p1503

Effects of Lignin and Chlorolignin in Pulp Mill Effluents on the Binding and Bioavailability of Hydrophobic Organic Pollutants

Water Research, Nov 92, v26, n11

Water Research, Nov 92, v26, n11, p1523

Mobile and Bound Forms of Trace Metals in Sediments of the Lower Ganges

Water Research, Nov 92, v26, n11, p1541

Heavy Metal Pollution Profiles of Dated Sediment Cores from Hebe Haven, Hong Kong Water Research, Dec 92, v26, n12, p1605 Removal of Biodegradable Dissolved Organic Carbon in a Water Treatment Plant

Water Research, Dec 92, v26, n12, p1673

Water Resources Bulletin

Analysis of a Karstic Aquifer Management Problem by Fuzzy Composite Programming Water Resources Bulletin, Jan-Feb 92, v28, n1, p63

Interactive Multiobjective Analysis Embedding the Decision Maker's Implicit Preference Function Water Resources Bulletin, Jan-Feb 92, v28, n1, p75

Experimental Evaluation of Multiple Criteria Decision Models for Application to Water Resources Planning Water Resources Bulletin, Jan-Feb 92, v28, n1, p89

Water Quality Monitoring Network Design: A Problem of Multi-Objective Decision Making Water Resources Bulletin, Jan-Feb 92, v28, n1, p179

Reservoir Management Rules Derived with the Aid of Multiple Objective Decision Making Techniques

Water Resources Bulletin, Jan-Feb 92, v28, n1, p211

Optical Impacts and Sources of Suspended Solids in Onondaga Creek, USA.

Water Resources Bulletin, Mar-Apr 92, v28, n2, p251

Coupling of Nonparametric Frequency and L-Moment Analyses for Mixed Distribution Identification Water Resources Bulletin, Mar-Apr 92, v28, n2, p263

Changes to Infiltration and Interrill Erosion from Long-Term Prescribed Burning In Louisiana Water Resources Bulletin, Mar-Apr 92, v28, n2, p287

Evapotranspiration from Florida Pondcypress Swamps Water Resources Bulletin, Mar-Apr 92, v28, n2, p299 GIS-Assisted Regression Analysis to Identify Sources of Selenium in Streams

Water Resources Bulletin, Mar-Apr 92, V28, n2, p315

Geographic Information Systems as a Tool in Water Use Data Management Water Resources Bulletin, Mar-Apr 92, v28, n2, p331

Optimizing the Probabilities of Water Yield for the Ridaura Aquifer (Spain) Water Resources Bulletin, Mar-Apr 92, v28, n2, p337

Changing a Great City in Eastern Europe - Cracow: Environmental Changes Water Resources Bulletin, Mar-Apr 92, v28, n2, p343

Optimal Management of Relief Wells Near Waterton Reservoir Water Resources Bulletin, Mar-Apr 92, v28, n2, p349

A Lumped Stream-Aquifer Model to Assess Reclaimed Water Impacts Water Resources Bulletin, Mar-Apr 92, v28, n2, p361

The Volume of Fine Sediment in Pools: An Index of Sediment Supply in Gravel-Bed Streams Water Resources Bulletin, Mar-Apr 92, v28, n2, p371

Multiplicative, Seasonal ARIMA Models for Lake Erie and Lake Ontario Water Levels Water Resources Bulletin, Mar-Apr 92, v28, n2, p385

Development and Evaluation of a Dimensionless Unit Hydrograph Water Resources Bulletin, Mar-Apr 92, v28, n2, p397

Of Dogs and Tails: Water Policy and Social Policy in Arizona *Water Resources Bulletin*, May-June 92, v28, n3, p479

Determination of Best Timing for Poultry Waste Disposal: A Modeling Approach Water Resources Bulletin, May-June 92, v28, n3, p487 A Geographical Analysis of Water-Related Constitutional Amendments in Texas, 1985-1991 Water Resources Bulletin, May-June 92, v28, n3, p495

Acid Precipitation and Weathering by Organic Acids in Labrador Lake Basins

Water Resources Bulletin, May-June 92, v28, n3, p507

A Complementary Tool to Water Quality Index: Fuzzy Clustering Analysis Water Resources Bulletin, May-June 92, v28, n3, p525

Estimating Maryland Critical Area Act's Impact on Future Nonpoint Pollution Along the Rhode River Estuary

Water Resources Bulletin, May-JUne 92, v28, n3, p553

Effects of Storm Patterns on Runoff Hydrographs Water Resources Bulletin, May-June 92, v28, n3, p569

Impact of Surface Coal Mining on Three Ohio Watersheds-Physical Conditions and Ground-Water Hydrology Water Resources Bulletin, May-June 92, v28, n3, p577

Impact of Surface Coal Mining on Three Ohio Watersheds—Ground-Water Chemistry Water Resources Bulletin, May-June 92, v28, n3, p597

Implications of a Drawdown of the Snake—996 9-Columbia River on Barge Transportation Water Resources Bulletin, July-Aug 92, v28, n4, p673

Effect of Price Structure on Residential Water Demand Water Resources Bulletin, July-Aug 92, v28, n4, p681

Estimating Reference Evaporation in the Central Valley of California Using the Linacre Model Water Resources Bulletin, July-Aug 92, v28, n4, p695

Temporal Fluctuations of Heavy Rainfall Magnitudes in New Orleans, Louisiana: 1871-1991 Water Resources Bulletin, July-Aug 92, v28, n4, p721

Patterns of Periphyton Chlorophyll a in an Agricultural Nonpoint Source Impacted Stream Water Resources Bulletin, July-Aug 92, v28, n4, p731

Variation of Stream Stability with Stream Type and Livestock Bank Damage in Northern Nevada Water Resources Bulletin, July-Aug 92, v28, n4, p743

Phosphorus Release and Assimilatory Capacity of Two Lower Mississippi Valley Freshwater Wetland Soils Water Resources Bulletin, July-Aug 92, v28, n4, p763

Ventura River Flood of February 1992: A Lesson Ignored? Water Resources Bulletin, Sep/Oct 92, v28, n5, p813

Identification of Critical Nonpoint Pollution Source Areas Using Geographic Information Systems and Water Quality Modeling Water Resources Bulletin, Sep/Oct 92, v28, n5, p877

The Role of Agricultural Groundwater Conservation in Achieving Zero Overdraft in Arizona Water Resources Bulletin, Sep/Oct 92, v28, n5, p889

Computing the Risks Associated with Wasteload Allocation Modeling Water Resources Bulletin, Sep/Oct 92, v28, n5, p903

Effects of Woody Vegetation on Sandy Levee Integrity Water Resources Bulletin, Sep/Oct 92, v28, n5, p917

Geochemical Characterization of Streambed Sediment in the Upper Illinois River Basin Water Resources Bulletin, Sep/Oct 92, v28, n5, p933

Ground-Water Recharge Through Active Sand Dunes in Northwestern Nevada Water Resources Bulletin, Sep/Oct 92, v28, n5, p959

Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium

Solification/Stabilization of High Level Inorganic and Organic Soils at Robins Air Force Base "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p1

Remediation of Lead Contaminated Soil "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p11

Assessment of Relative POHC Destruction at EPA's Incineration Research Facility "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p20

High Energy Electron Beam Irradiation: An Emerging Technology for the Destruction of Organic Contaminants in Water, Wastewater and Sludge

"Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p28

Two Pollution Prevention Technology Evaluations for the Printed Circuit Board Industry "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p46

Evaluation of Emulsion Cleaners at Air Force Plant Number 6 "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p50

The Use of Hydraulic Fracturing to Enhance In Situ Bioremediation "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p59

Metals Partitioning Resulting from Rotary Kiln Incineration of Hazardous Waste

"Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p72 Onsite Biological Pretreatment
Followed by POTW Treatment of
CERCLA Leachates
"Eighteenth Annual Risk Reduction
Engineering Laboratory Research
Symposium," 1992, p114

Two U.S. EPA Bioremediation Field Initiative Studies: Evaluation of In-Situ Bioventing "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p118

Emissions of Organics from Bioslurry Reactors Treating Soil Contaminated with Wood Preserving Waste "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p135

The Site Demonstration of the Retech Plasma Centrifugal Furnace "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p146

Evaluation of the Air-Sparged Hydrocyclone "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p155

Remediation of Leaking USTS on Native American Lands "Eighteenth Annual Risk Reduction Engineering Laboratory Research Symposium," 1992, p194

Proceedings of the 46th Industrial Waste Conference, 1991

EPA's Approach to Development of LDR Standards for Contaminated Soil and Debris "Proceedings of the 46th Industrial

Waste Conference," 1991, p1

Reducing Chemical and Sludge Costs for an Oily Wastewater Treatment System

"Proceedings of the 46th Industrial Waste Conference," 1991, p23

Pond Closure Using In-Situ Soil Stabilization: A Case History "Proceedings of the 46th Industrial Waste Conference," 1991, p31

Modeling Strategy for Predicting Bioremediation Rates for Oil Contaminated Beaches at Prince William Sound, Alaska

"Proceedings of the 46th Industrial Waste Conference," 1991, p65

Biotreatment of Contaminated Groundwater with High Organics and Salinity Contents

"Proceedings of the 46th Industrial Waste Conference," 1991, p75

Biological Activated Carbon Process for Removing Sulfolane from Groundwater

"Proceedings of the 46th Industrial Waste Conference," 1991, p99

Evaluating Transport of Organic Chemicals in Soil Resulting from Underground Fuel Tank Leaks "Proceedings of the 46th Industrial Waste Conference," 1991, p131

Bench-Scale Evaluation of the Activated Sludge Process for Treatment of a High-Strength Chemical Plant Wastewater "Proceedings of the 46th Industrial Waste Conference," 1991, p163

Environmental Solutions Based on Recycling of Water, Oil and Sludge at an Integrated Oil Refinery "Proceedings of the 46th Industrial Waste Conference," 1991, p211

Removal of Color from Synfuel Wastewater
"Proceedings of the 46th Industr

"Proceedings of the 46th Industrial Waste Conference," 1991, p265

Treatment of High-Strength Monosodium Glutamate Wastewater with HYAN® Technology, Air-Stripping and Nitrification

"Proceedings of the 46th Industrial Waste Conference," 1991, p285

VenMet[∞] Solution Reduction of Solid Waste at Hewlett-Packard, Sunnyvale "Proceedings of the 46th Industrial Waste Conference," 1991, p325

A Case History of a Die-Casting Wastewater Treatment System "Proceedings of the 46th Industrial Waste Conference," 1991, p347

Reliable and High Efficiency Treatment of Potato Processing Wastewater in Cold Climate Using Aerated Lagoons with Combined Precipitation "Proceedings of the 46th Industrial Waste Conference," 1991, p385

Eight Year Full-Scale Experience with Anaerobic Treatment of Potato Processing Effluent "Proceedings of the 46th Industrial Waste Conference," 1991, p395

Anaerobic and Aerobic Treatment of Potato Processing Wastewater: Case Study

"Proceedings of the 46th Industrial Waste Conference," 1991, p405

Treatment of Scallop Waste "Proceedings of the 46th Industrial Waste Conference," 1991, p429

Recycling Electroplating Rinsewater Using Ion Exchange and Carbon Adsorption
"Proceedings of the 46th Industrial

Regeneration of Exhausted Tailored Clays by Adsorbate Volatilization "Proceedings of the 46th Industrial Waste Conference," 1991, p501

Waste Conference," 1991, p479

Treatment of Metal-Containing Wastewaters by Carbon Adsorption of Metal-Chelate Complexes "Proceedings of the 46th Industrial Waste Conference," 1991, p563

A Successful Story of Operating a Physical-Chemical Wastewater Treatment Plant "Proceedings of the 46th Industrial Waste Conference," 1991, p571

Pretreatment of Rotogravure Plating Wastewater
"Proceedings of the 46th Industrial Waste Conference," 1991, p577

Application of Ultrafiltration for the Treatment of Landfill Leachate "Proceedings of the 46th Industrial Waste Conference," 1991, p583

Comparative Performance of Conventional, Anoxic, Aerobic and Anoxic-Anaerobic-Aerobic Treatment Processes for Biological Nutrient Removal
"Proceedings of the 46th Industrial

Waste Conference," 1991, p641

Respirometric Investigation of Activated Sludge Bioinhibition by Cobalt/Manganese Catalyst "Proceedings of the 46th Industrial Waste Conference," 1991, p659

Anaerobic Composting with Methane Recovery from Agricultural and Village Wastes "Proceedings of the 46th Industrial Waste Conference," 1991, p727

Anaerobic Sequencing Batch Reactor Treatment of Swine Wastes "Proceedings of the 46th Industrial Waste Conference," 1991, p751

Municipal Solid Waste Landfill in Southern New Mexico "Proceedings of the 46th Industrial Waste Conference," 1991, p761

Municipal Solid Waste Landfill Leachate Treatment with a Pilot-Scale, Hybrid Upflow Anaerobic Sludge Bed Filter Reactor, Emphasizing Inorganic Solids Development "Proceedings of the 46th Industrial Waste Conference," 1991, p773

New Approaches in the Treatment of Paper Industry Sludges "Proceedings of the 46th Industrial Waste Conference," 1991, p811

Development and Pilot Demonstration Program of a Waste Minimization Plan at Argonne National Laboratory

"Proceedings of the 46th Industrial Waste Conference," 1991, p833

Replacement of Halogenated Solvent Degreasing with Regenerable Aqueous Cleaners "Proceedings of the 46th Industrial Waste Conference," 1991, p851

Proceedings of the Symposium on Soil Venting

Application of Computer Simulation Models to the Design of a Large-Scale Soil Venting Systems and Bioremediation

"Proceedings of the Symposium on Soil Venting," May 91, p91

Assessing the Performance of In Situ Soil Venting Systems by Soil Sampling and Volatile Organic Compound Measurements "Proceedings of the Symposium on Soil Venting," 1991, p147

A Field Technique for Determining Unsaturated Zone Air-Permeability "Proceedings of the Symposium on Soil Venting," 1991, p149

Optimization of the Vapor Extraction Process: Large Physical Model Studies

"Proceedings of the Symposium on Soil Venting," 1991, p171

Performance Characteristics of Vapor Extraction Systems Operated in Europe

"Proceedings of the Symposium on Soil Venting," 1991, p193

Vacuum-Vaporizer-Wells (UVB) for In Situ Remediation of Volatile and Strippable Contaminants in the Unsaturated and Saturated Zone "Proceedings of the Symposium on Soil Venting," 1991, p203

Commercial Vapor Treatment Processes

"Proceedings of the Symposium on Soil Venting," 1991, p271

A Field Scale Investigation of Soil Venting Enhanced Petroleum Hydrocarbon Biodegradation in the Vadose-Zone at Tyndall AFB, Florida "Proceedings of the Symposium on Soil Venting," 1991, p293

A Demo-Project for In Situ Subsoil and Aquifer Restoration Following Hydrocarbon Spills at a Tankstation "Proceedings of the Symposium on Soil Venting," 1991, p317

Seminar Publication—Nonpoint Source Watershed Workshop

Water Quality Problem Identification in Rock Creek, Idaho: Evolution of a Monitoring Project

"Seminar Publication—Nonpoint Source Watershed Workshop,"1991, p6

Goals and Objectives for Nonpoint Source Control Projects in an Urban Watershed

"Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p25 Agency/Landowner Cooperation -Tomki Watershed Project "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p28

Reviving Rhode Island's Urban Erosion Control Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p31

Oakwood Lakes/Poinsett Rural Clean Water Program in South Dakota: Lessons Learned "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p40

Developing Urban Nonpoint Source Management Plans in Northeastern Illinois "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p50

Putting the Plan 'On the Ground'-Tomki Watershed Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p60

Best Management Practices for Urban Erosion and Sediment Control in New York Counties and Towns "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p63

Monitoring Program Development in an Urban Watershed "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p103

The Development and Implementation of an Urban Nonpoint Pollution Education/Information Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p128

Experiences from Puget Sound "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p131

Evaluation of Site-Specific Ground Water Quality Data "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p145 Evaluating Nonpoint Source Control Projects in an Urban Watershed "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p152

Controlling Stormwater: Some Lessons from the Maryland Experience "Seminar Publication—Nonpoint Source Watershed Workshop," 1991,

p156

The Clean Colorado Project and Urban Nonpoint Source Pollution Control: The LCRA Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p167

Regulation Through Local Level Negotiation-A Successful Approach to Control of Nonpoint Source Pollution "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p172

Working with Local Governments to Enhance the Effectiveness of a

Baywide Critical Area Program "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p175

The Stormwater Utility as a Local Regulatory Tool "Seminar Publication—Nonpoint Source Watershed Workshop," 1991, p186

Workshop on Removal, Recovery, Treatment, and Disposal

Arsenic Chemistry in Relation to the Disposal and Stability of Metallurgical Extraction Wastes "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p4

Alternative Preservative Systems: Pros and Cons "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p20

Characterization of Arsenic-Containing Mining/Smelting Wastes in the Clark Fork Basin, MT and Some

Potential Remedial Technologies "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p56

Recent Advances in the Analytical Techniques for the Quantification of Mercury and Mercury Compounds in Different Media "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p77

Management of Medical Mercury Battery Wastes through Source Substitution "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p92

Treatment and Mercury Recovery from Electrical Manufacturing Wastes "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p99

The Recovery of Mercury from Mineral Extraction Residues Using Hydrometallurgical Techniques "Workshop on Removal, Recovery, Treatment, and Disposal," 1992, p110